Connecting via Winsock to STN

```
Welcome to STN International! Enter x:x LOGINID:ssptasxm1624
```

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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* * * * * * * * * * Welcome to STN International
                                                   * * * * * * * * * *
NEWS 1
                 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 06 CAS REGISTRY enhanced with new experimental property tags
NEWS 3 AUG 06
                 FSTA enhanced with new thesaurus edition
NEWS 4 AUG 13
                CA/CAplus enhanced with additional kind codes for granted
                 patents
NEWS
         AUG 20
                 CA/CAplus enhanced with CAS indexing in pre-1907 records
NEWS 6 AUG 27
                 Full-text patent databases enhanced with predefined
                 patent family display formats from INPADOCDB
     7 AUG 27
                 USPATOLD now available on STN
NEWS
NEWS 8 AUG 28 CAS REGISTRY enhanced with additional experimental
                 spectral property data
NEWS 9 SEP 07
                 STN AnaVist, Version 2.0, now available with Derwent
                 World Patents Index
NEWS 10 SEP 13 FORIS renamed to SOFIS
NEWS 11 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 12 SEP 17 CA/CAplus enhanced with printed CA page images from
                 1967-1998
NEWS 13 SEP 17 CAplus coverage extended to include traditional medicine
                 patents
NEWS 14 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 15 OCT 02 CA/Caplus enhanced with pre-1907 records from Chemisches
                 Zentralblatt
NEWS 16 OCT 19 BEILSTEIN updated with new compounds
NEWS 17 NOV 15 Derwent Indian patent publication number format enhanced
NEWS 18 NOV 19 WPIX enhanced with XML display format
NEWS 19 NOV 30 ICSD reloaded with enhancements
NEWS 20 DEC 04 LINPADOCDB now available on STN
NEWS 21 DEC 14 BEILSTEIN pricing structure to change
NEWS 22 DEC 17 USPATOLD added to additional database clusters
NEWS 23 DEC 17 IMSDRUGCONF removed from database clusters and STN
NEWS 24 DEC 17 DGENE now includes more than 10 million sequences
NEWS 25 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in
                 MEDLINE segment
NEWS 26 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 27
         DEC 17
                 CA/CAplus enhanced with new custom IPC display formats
NEWS 28 DEC 17
                 STN Viewer enhanced with full-text patent content
                 from USPATOLD
NEWS 29 JAN 02
                 STN pricing information for 2008 now available
NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
              CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
```

AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 16:55:11 ON 11 JAN 2008

=> fil reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 16:55:24 ON 11 JAN 2008 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2008 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 10 JAN 2008 HIGHEST RN 960354-22-7 DICTIONARY FILE UPDATES: 10 JAN 2008 HIGHEST RN 960354-22-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10582984.str

```
chain nodes :
18 19
ring nodes :
ring/chain nodes :
chain bonds :
2-19 6-10 7-11 8-18
ring bonds :
1 - 2 \quad 1 - 5 \quad 2 - 3 \quad 3 - 4 \quad 4 - 5 \quad 4 - 6 \quad 5 - 9 \quad 6 - 7 \quad 7 - 8 \quad 8 - 9 \quad 11 - 12 \quad 11 - 16 \quad 12 - 13 \quad 13 - 14 \quad 14 - 15
15-16
exact/norm bonds :
1-2 1-5 2-3 2-19 3-4 4-5 4-6 5-9 6-7 6-10 7-8 8-9
exact bonds :
7-11 8-18
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16
isolated ring systems :
containing 1 : 11 :
```

G1:H,CH3

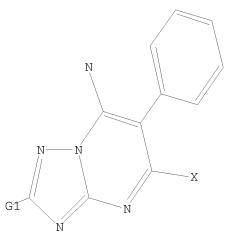
Match level:
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 19:CLASS

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 H,Me

Structure attributes must be viewed using STN Express query preparation.

50 ANSWERS

=> s 11 sam

SAMPLE SEARCH INITIATED 16:55:44 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 194 TO ITERATE

100.0% PROCESSED 194 ITERATIONS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 3045 TO 4715 PROJECTED ANSWERS: 1812 TO 3148

L2 50 SEA SSS SAM L1

=> s 11 full

FULL SEARCH INITIATED 16:55:52 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3794 TO ITERATE

100.0% PROCESSED 3794 ITERATIONS 2484 ANSWERS

SEARCH TIME: 00.00.01

L3 2484 SEA SSS FUL L1

=> filo capl

FILO IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> fil capl

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 179.28 179.49

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:57:28 ON 11 JAN 2008
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FILE COVERS 1907 - 11 Jan 2008 VOL 148 ISS 3 FILE LAST UPDATED: 10 Jan 2008 (20080110/ED)

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http://www.cas.org/infopolicy.html

=> s 13

L4 199 L3

=> s 14 not (2007/so 2006/so or 2005/so)

813748 2007/SO

1500 SO/SO

919003 2006/SO

0 2007/SO 2006/SO

((2007(W)SO(W)2006)/SO)

880972 2005/SO

L5 199 L4 NOT (2007/SO 2006/SO OR 2005/SO)

=> s 14 and (pry<2005 or py>2005 or ay<2005)

4564247 PRY<2005

2876983 PY>2005

5080847 AY<2005

L6 199 L4 AND (PRY<2005 OR PY>2005 OR AY<2005)

=> s 14 and (pry<2005 or py<2005 or ay<2005)

4564247 PRY<2005

25077098 PY<2005

5080847 AY<2005

L7 158 L4 AND (PRY<2005 OR PY<2005 OR AY<2005)

=> fil reg

COST IN U.S. DOLLARS SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST 23.60 203.09

FILE 'REGISTRY' ENTERED AT 17:00:44 ON 11 JAN 2008
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STRUCTURE FILE UPDATES: 10 JAN 2008 HIGHEST RN 960354-22-7 DICTIONARY FILE UPDATES: 10 JAN 2008 HIGHEST RN 960354-22-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

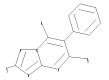
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10582984a.str



chain nodes :
18 19
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16
ring/chain nodes :
10

chain bonds :
2-19 6-10 7-11 8-18
ring bonds :
1-2 1-5 2-3 3-4 4-5 4-6 5-9 6-7 7-8 8-9 11-12 11-16 12-13 13-14 14-15
15-16
exact/norm bonds :
1-2 1-5 2-3 2-19 3-4 4-5 4-6 5-9 6-7 6-10 7-8 8-9 8-18
exact bonds :
7-11
normalized bonds :
11-12 11-16 12-13 13-14 14-15 15-16
isolated ring systems :
containing 1 : 11 :

G1:H,CH3

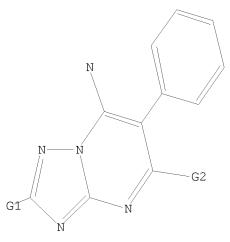
G2:X,CN,O

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:CLASS 19:CLASS

L8 STRUCTURE UPLOADED

=> d 18 L8 HAS NO ANSWERS L8 STR



G1 H,Me G2 X,CN,O

Structure attributes must be viewed using STN Express query preparation.

=> s 18 sam

SAMPLE SEARCH INITIATED 17:04:37 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 220 TO ITERATE

100.0% PROCESSED 220 ITERATIONS 50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3511 TO 528

PROJECTED ITERATIONS: 3511 TO 5289 PROJECTED ANSWERS: 1934 TO 3306

L9 50 SEA SSS SAM L8

=> s 18 full

FULL SEARCH INITIATED 17:04:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4277 TO ITERATE

100.0% PROCESSED 4277 ITERATIONS 2608 ANSWERS

SEARCH TIME: 00.00.01

L10 2608 SEA SSS FUL L8

=> fil capl

COST IN U.S. DOLLARS SINCE FILE TOTAL

SINCE FILE TOTAL ENTRY SESSION 181.12 384.21

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:05:03 ON 11 JAN 2008
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FILE COVERS 1907 - 11 Jan 2008 VOL 148 ISS 3 FILE LAST UPDATED: 10 Jan 2008 (20080110/ED)

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=> s 110

L11 199 L10

=> d 111 ibib hitstr abs 1-199

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2007134777 A2 20071129 WO 2007-EP4374 20070516

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,
GD, GE, GH, CM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, IM,
KN, KP, KR, KZ, LA, LC, LK, LE, LS, LT, LU, LY, MA, MD, MG, MK,
MN, MW, MY, WY, WZ, NA, NG, NI, NO, NZ, CM, PG, PH, PL, PT, RC,
RS, EU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZM
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RC, SE, SI, SK, TR, BF,
BJ, CF, CG, CI, CM, GA, CN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
GH, CM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
PRIORITY APPLN. INFO: 692740-07-1 825650-81-5 844693-37-4
957119-08-3 957119-12-9
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
692740-07-1 CAPLUS
3-Fyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-, mixt.
with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 1 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

188425-85-6 C18 H12 C12 N2 O

825650-81-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with-rel-(2R,6S)-4-[3-[4-(1,1-dimethyl-thyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 1 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Relative stereochemistry.

844693-37-4 CAPLUS

844043-3-3-4 (APLUS [1,2,4]Triazzlo][1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with [-[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME) CN

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 1 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

Relative stereochemistry.

957119-08-3 CAPLUS INDEX NAME NOT YET ASSIGNED

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 188425-85-6 CMF C18 H12 C12 N2 O

L11 ANSWER 1 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

133855-98-8 C17 H13 C1 F N3 O

Relative stereochemistry.

957119-12-9 CAPLUS INDEX NAME NOT YET ASSIGNED

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

ANSWER 1 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 214706-53-3D, mixts.containing RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.) 214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Synergistic fungicidal compns. comprise 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine, epoxiconazole and boxcalid and/or fenpropimorph and/or metrafenone and/or metconazole and/or dimoxystrobin.

L11 ANSWER 1 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

133855-98-8 C17 H13 C1 F N3 O

Relative stereochemistry.

3 CM

CRN 67564-91-4 C20 H33 N O

Relative stereochemistry.

L11 ANSWER 2 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1361579 CAPLUS
DOCUMENT NUMBER: 147:535931
TITLE: Synergistic fungicidal compositions comprising a triazolopyrimidine derivative
INVENTOR(S): Dahmen, Peter; Wachendorff-Neumann, Ulricke;
Kerz-Moehlendick, Friedrich; Hermann, Stefan;

Olaf Bayer Cropscience AG, Germany PCT Int. Appl., 27pp. CODEN: PIXXD2 Patent 1 PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DE 2006-102006024925 20060524 DE 2006-102006024925A 20060524 PRIORITY APPLN. INFO.:

692736-85-9 692740-07-1 825650-81-5
957123-54-5 957123-58-9
RL: RGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
692736-95-9 CAPLUS
Methanone, (3-bromo-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 220899-03-6 CMF C19 H21 Br O5

CM 1

L11 ANSWER 2 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

692740-07-1 CAPLUS 3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 188425-85-6 CMF C18 H12 C12 N2 O

L11 ANSWER 2 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CN INDEX NAME NOT YET ASSIGNED (Continued)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 188425-85-6 CMF C18 H12 C12 N2 O

CM 3

CRN 67564-91-4 CMF C20 H33 N O

Relative stereochemistry.

957123-58-9 CAPLUS INDEX NAME NOT YET ASSIGNED

L11 ANSWER 2 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN CN

825650-81-5 CAPLUS [1,2,4]Triazol[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with-rel-(2R,6S)-4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 67564-91-4 CMF C20 H33 N O

Relative stereochemistry.

RN 957123-54-5 CAPLUS

L11 ANSWER 2 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 220899-03-6 CMF C19 H21 Br O5

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 3

CRN 188425-85-6 CMF C18 H12 C12 N2 O

214706-53-3D, mixts. containing RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

L11 ANSWER 2 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 214706-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

AB Synergistic fungicidl compns. comprise
5-chloro-7-(4-methylpiperidin-1-y1)6-(2,4,6-trifluorophenyl)triazolo[1,5-a]pyrimidine, boscalid,
fenpropimorph and/or metrafenone and/or metconazole and/or dimoxystrobin.

L11 ANSWER 3 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1308668 CAPLUS
DOCUMENT NUMBER: 147:516425
TITLE: Synergistic fungicidal compositions containing

INVENTOR(S):

PATENT ASSIGNEE(S):

Synergistic fungicidal compositions containing pyrazolecarboxamides Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans Syngenta Crop Protection, Inc., USA U.S. Pat. Appl. Publ., 44pp., Cont.-in-part of U.S. Ser. No. 576,719.
CODEN: USXXCO Patent

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| | PATENT NO. | | | | | | DATE | | | | ICAT | | | | 1 | DATE | |
|----------|------------|-------|------|-----|-----|-----|------|------|-----|------|------|------|-----|-----|------|-------|-----|
| US | 2007 | 2652 | 57 | | A1 | | 2007 | | | US 2 | 007- | 6969 | 08 | | | 20070 | |
| WO. | 2006 | 0376 | 32 | | A1 | | 2006 | 0413 | | WO 2 | 005- | EP10 | 755 | | - 2 | 20051 | 006 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KP, | KR, | KZ, |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, |
| | | NA. | NG. | NI. | NO. | NZ. | OM. | PG. | PH. | PL. | PT. | RO. | RU. | SC. | SD | SE. | SG. |
| | | SK. | SL. | SM. | SY. | TJ. | TM. | TN. | TR. | TT. | TZ. | UA. | UG. | US. | UZ. | VC. | VN. |
| | | YU. | ZA. | ZM. | ZW | | | | | | | | | | | | |
| | RW: | AT. | BE. | BG. | CH. | CY. | CZ. | DE. | DK. | EE. | ES. | FI. | FR. | GB. | GR. | HU, | IE. |
| | | | | | | | | | | | | | | | | BF. | |
| | | CF. | CG, | CI. | CM. | GA. | GN. | GO, | GW, | ML. | MR. | NE. | SN. | TD. | TG. | BW, | GH. |
| | | | | | | | | | | | | | | | | AZ. | |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| US | 2007: | 2441: | 21 | | A1 | | 2007 | 1018 | | US 2 | 007- | 5767 | 19 | | - 1 | 20070 | 405 |
| PRIORITY | APP | N. | INFO | . : | | | | | | GB 2 | 004- | 2240 | 1 | | A : | 20041 | 800 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | WO 2 | 005- | EP10 | 755 | | w : | 20051 | 006 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | US 2 | 007- | 5767 | 19 | | A2 : | 20070 | 405 |

OTHER SOURCE(S): MARPAT 147:516425

IT 214706-53-3D, mixts. with pyrazolecarboxamides 956225-81-3
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns. containing pyrazolecarboxamides for controlling plant diseases)

RN 214706-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

(Continued)

L11 ANSWER 3 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

956225-81-3 CAPLUS INDEX NAME NOT YET ASSIGNED

CM 1

CRN 881685-58-1 CMF C20 H23 F2 N3 O

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 3 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

An effective method of controlling or preventing diseases caused by phytopathogenic fungi comprises applying to useful plants or the locus or propagation material thereof a combination of component A (I, where Rl = CF2H, CF3; Y = CHR2, Me2C:CH2; R2 = H, C1-6 alkyl) or a tautomer of such AB

compound and component B, selected from compds. known for their fungicidal

icidal and/or insecticidal activity. Thus, I (R1 = CF2H, Y = CHR2, R2 = iso-Pr) + picoxystrobin at 0.0222 + 0.6000 mg/L synergistically controlled Botrytis cinerea.

L11 ANSWER 4 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:1177831 CAPLUS DOCUMENT NUMBER: 147:463414 Fungicidal compositions containing TITLE: pyrazolecarboxamide derivative and two other pesticides Haas, Ulrich Johannes; Walter, Harald Syngenta Participations A.-G., Switz. PCT Int. Appl., 26pp. CODEN: PIXXD2 INVENTOR(S): PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: LANGUAGE . English FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE MO 20071157688 A2 20071018 MO 2007-EF3051 20070404

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,
GB, GE, GH, GM, GT, HN, HR, HU, JD, HI, IN, 1S, JP, KE, RG, NK,
KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG,
MN, MM, MX, MX, MX, AN, NA, NI, NO, NZ, CM, PG, PB, FI, PT, RC,
RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TM, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, MT, NL, PI, PT, RC, SE, ST, KT, RF,
BJ, CF, CG, CT, CM, GA, GN, GQ, GW, MI, MR, NE, SN, TD, TG, BN,
GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM

RITT APPLIN. INFO:: BY, KG, KS PRIORITY APPLN. INFO.: EP 2006-7256

OTHER SOURCE(S): MARPAT 147:463414

IT 214706-53-3D, mixts. containing
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal compns. containing pyrazolecarboxamide derivative and
 two other components)

RN 214706-53-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 5 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:1177756 CAPLUS

DOCUMENT NUMBER:

PLUS COPYRIGHT 2008 ACS on STN 2007:1177756 CAPLUS 147:463413

Synergistic fungicidal compositions containing pyrazolecarboxamide derivative Haas, Ulrich Johannes; Walter, Harald Syngenta Participations A.-G., Switz. PCT Int. Appl., 30pp.

CODEN: PIXXD2

Patent English 1 INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ENT : | NO. | | | KIN: | D | DATE | | | APPL: | ICAT: | ION I | . OF | | Di | ATE | |
|----------|------------|------|------|-----|------|-----|------|------|-----|-------|-------|-------|------|-----|------|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WO | 2007 | 1157 | 67 | | A1 | | 2007 | 1018 | | WO 21 | 007-3 | EP30. | 50 | | 21 | 0070 | 404 |
| | W: | ΑE, | AG, | AL, | AM, | ΑT, | AU, | AZ, | BA, | BB, | BG, | вн, | BR, | BW, | BY, | BZ, | CA, |
| | | CH, | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, |
| | | GD, | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, |
| | | KN, | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LY, | MA, | MD, | MG, | MK, |
| | MN, MW, M | | | | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, |
| | | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | TJ, | TM, | TN, | TR, | TT, |
| | | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, |
| | | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, |
| | | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, |
| | BY, KG, KZ | | | | MD, | RU, | ТJ, | TM | | | | | | | | | |
| PRIORITY | APP | LN. | INFO | . : | | | | | | EP 21 | 006- | 7253 | | | A 21 | 0060 | 406 |

OTHER SOURCE(S): MARPAT 147:463413
IT 214706-53-3D, mixts. containing
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns. containing pyrazolecarboxamide derivative and

Page 14

L11 ANSWER 4 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

 ${\tt AB}$ A composition for control of diseases caused by phytopathogens on useful plants

is or on plant propagation material comprises a compound of formula (I) or a tautomer thereof and 2 other, distinct pesticides. Thus, I + chlorothalonil + difenoconazole at 0.02 + 0.02 + 0.2 mg/L liter medium synergistically controlled Botrytis cinerea.

L11 ANSWER 5 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{array}{c|c} \mathbf{F}_{\mathbf{2}\mathbf{CH}} & \mathbf{Co-NH} \\ \mathbf{N} & \mathbf{Me} \\ \mathbf{Me} & \mathbf{C} \equiv \mathbf{C} - \mathbf{C} - \mathbf{C} \mathbf{Me} \\ \mathbf{Me} & \mathbf{Me} \end{array}$$

 $\ensuremath{\mathtt{AB}}$ A composition for control of diseases caused by phytopathogens on useful plants

or on plant propagation material comprises (A) a compound of formula (I) or

a tautomer thereof; (B) a pesticidal component selected from compds. such as metalaxyl, mefenoxam, and glyphosate; and (C) a different compound such

as an azole fungicide or chlorothalonil. Thus, I + azoxystrobin + fenpropidin at 0.67 + 0.67 + 0.67 mg/L liter medium gave 93% control of Botrytis cinerea, whereas the expected control calculated by the Colby method

was 87%. REFERENCE COUNT: THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 6 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:1175403 CAPLUS DOCUMENT NUMBER: 147:441829 147:441829
Ternary fungicidal compositions
Haas, Ulrich Johannes; Mills, Colin Edward; Neumann,
Christoph
Syngenta Participations A.-G., Switz.
PCT Int. Appl., 36pp.
CODEN: PIXXD2
Fatent TITLE: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE MO 2007115765 A1 20071018 W0 2007-EP3042 20070404
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BB, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GR, CB, EG, GB, GR, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, IM, INN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MY, MY, MZ, NA, NG, NI, NO, NZ, CM, PG, PH, PL, PT, RC, RS, RI, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZM
RN: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, M, MT, N, TP, FT, RC, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, NC, GN, ML, MR, NE, SN, TD, TG, BN, GH, GM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, PRIORITY APPLN. INFO: OTHER SOURCE(S): MARPAT 147:441829

IT 952235-52-8 952235-53-9

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicidal composition)

RN 952235-52-8 CAPLUS

CN INDEX NAME NOT YET ASSIGNED CM 1

L11 ANSWER 6 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CM

CRN 178928-70-6 CMF C14 H15 C12 N3 O S

L11 ANSWER 6 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

952235-53-9 CAPLUS INDEX NAME NOT YET ASSIGNED

CRN 881685-58-1 CMF C20 H23 F2 N3 O

CM 1

CRN 881685-58-1 CMF C20 H23 F2 N3 O

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 6 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Double bond geometry as shown.

TT

RN

214706-53-3D, mixts. containing a pyrazole derivative and RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (ternary fungicidal compns.) 214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Ternary fungicidal compns. comprise (A) 3-difluoromethyl-1-methyl-1H-

L11 ANSWER 6 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continue pyrazole-4-carboxylic acid (9-isopropyl-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl)amide (prepn. given), (8) chlorothalonil, glyphosate, epoxyconazole, prothioconazole, etc., and (C) a triazolopyrimidine fungicide, an azole fungicide, a strobilurine fungicide, etc.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE (Continued)

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 7 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:1116907 CAPLUS

TITLE: 147:399993

Synergistic fungicidal compositions comprising a carboxamide derivative

Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Rieck, Heiko; Greul, Joerg Nico; Suty-Heinze, Anne; Elbe, Hans-Ludwig

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

FCT Int. Appl., 131pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PAT | ENT I | NO. | | | KIN | D | DATE | | | APPL | ICAT: | ION I | NO. | | D. | ATE | |
|-------|------|-------|------|------|-----|-----|-----|------|------|-----|------|-------|-------|------|-------|-----|------|-----|
| | | | | | | | - | | | | | | | | | - | | |
| | WO | 2007 | 1101 | 73 | | A2 | | 2007 | 1004 | | WO 2 | 007- | EP24 | 49 | | 2 | 0070 | 320 |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BH, | BR, | BW, | BY, | BZ, | CA, |
| | | | CH, | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, |
| | | | GD, | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, |
| | | | KN, | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LY, | MA, | MD, | MG, | MK, |
| | | | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, |
| | | | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | TJ, | TM, | TN, | TR, | TT, |
| | | | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | |
| | | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, |
| | | | ВJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, |
| | | | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, |
| | | | BY, | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | |
| | DE | 1020 | 0601 | 3784 | | A1 | | 2007 | 0927 | | DE 2 | 006- | 1020 | 0601 | 3784 | 2 | 0060 | 324 |
| | DE | 1020 | 0601 | 4723 | | A1 | | 2007 | 1004 | | DE 2 | 006- | 1020 | 0601 | 4723 | 2 | 0060 | 330 |
| PRIOR | RITS | APP: | LN. | INFO | . : | | | | | | DE 2 | 006- | 1020 | 0601 | 37842 | A 2 | 0060 | 324 |
| | | | | | | | | | | | | | | | | | | |

DE 2006-102006014723A 20060330

OTHER SOURCE(S): MARPAT 147:399893
IT 187233-48-3D, mixts. with carboxamide derivs. 214706-53-3D
, mixts. with carboxamide derivs. 294648-16-6D, mixts. with
carboxamide derivs. 424824-17-9D, mixts. with carboxamide
derivs.

carboxamide derivs. 424024-1/-3D, mints. Fig. 10210-10

L11 ANSWER 7 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

424824-17-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

Page 16

L11 ANSWER 7 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Synergistic fungicidal compns. comprise a carboxamide derivative I [R = H or

F; R1 = halo, (halo)alkyl, cyano, nitro, (halo)alkoxy or CR4:NOR5, ; R2 = H or R2; R4 = halo or Me; R5 = alkyl, alkenyl or alkynyl] and any of a large number of known fungicides.

L11 ANSWER 8 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1091240 CAPLUS
DOCUMENT NUMBER: 147:379336
TITLE: Fungicidal compositions comprising carboxamides

Fungicidal compositions comprising Bayer Cropscience A.-G., Germany Ger. Offen., 79pp.
CODEN: GWXXBX
Patent
German
2
2 PATENT ASSIGNEE(S):

DOCUMENT TYPE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE DE 102006013784 A1 20070927 DE 2006-102006013784 20060324
W0 2007110173 A2 20071004 W0 2007-EP2449 20070320
W1 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,
GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, IM,
RN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK,
MN, MM, MK, MY, WZ, NA, NG, NI, NO, NZ, OM, FG, PH, PL, FT, RC,
RS, RU, SC, SD, SE, SG, SK, SI, SM, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, MT, NL, FL, FT, RO, SE, SI, SK, RT, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BM,
GH, CM, KE, LS, NM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO:

DE 2006-102006014723A 20060330

OTHER SOURCE(S): MARPAT 147:379836

IT 187233-48-3D, mixts. with carboxamides 214706-53-3D, mixts. with carboxamides 249648-16-6D, mixts. with carboxamides 424824-17-9D, mixts. with carboxamides

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicidal compns.)

RN 187233-48-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

ANSWER 8 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethyl propyl]-6-(2,4,6-trif luorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

GI

Fungicidal combinations comprise a carboxamide I [R = H or F; R1 = halo, (halo)alkyl, cyano, nitro, alkoxy, etc.; R2 = H, halo, (halo)alkyl, etc.] and any of a large number of known fungicides. L11 ANSWER 8 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

424824-17-9 CAPLUS

L11 ANSWER 9 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1064494 CAPLUS
DCCUMENT NUMBER: 1417:379835
TITLE: Inducing plant tolerance to bacterial diseases with combinations of strobilurins and other fungicides
INVENTOR(S): Koehle, Harald; Bardinelli, Ted R.;

Tavares-Rodrigues,

Marco-Antonio
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 32pp.
CODEN: PIXXD2
Patent
English
1 PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ATENT NO. | | | | | D | DATE | | | APPL: | ICAT: | ION I | NO. | | D | ATE | |
|----------|------------|------|------|-----|-----|-----|------|------|-----|-------|-------|-------|-----|-----|-----|------|-----|
| | | | | | | _ | | | | | | | | | | | |
| WO | 2007 | 1046 | 58 | | A2 | | 2007 | 0920 | | WO 2 | 007- | EP51 | 986 | | 21 | 0070 | 302 |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, |
| | | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LY, | MA, | MD, | MG, | MK, | MN, |
| | MW, MX, M | | | | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, |
| | RU, SC, SI | | | | SE, | SG, | SK, | SL, | SM, | SV, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, |
| | | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | zw | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, |
| | | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, |
| | | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, |
| | BY, KG, KZ | | | | MD, | RU, | TJ, | TM | | | | | | | | | |
| PRIORITY | APP | LN. | INFO | . : | | | | | | US 21 | 006- | 7822 | 41P | | P 2 | 0060 | 314 |

OTHER SOURCE(S): MARPAT 147:379835

R SOURCE(S): MARPAT 147:379835
214706-53-3D, mixts. with strobilurins
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL
(Biological study); USES (Uses)
(induction of plant tolerance to bacterial diseases with synergistic amts. of strobilurins and other active components)
214706-53-3 CAPLUS
[1,2,4]Triazolc[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

A method of inducing tolerance of plants against bacterial diseases

Lil ANSWER 9 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) comprises treating the plants, the soil, or seeds with an effective amt. of a combination of a strobilurin and a second active component selected from 13 groups of compds.; both components are taken up by the plants or seeds. Preferably, mixts. of the 2 components are used, and a synergistic seeds. Preferably, mixts. of the 2 components are used, and a synergistic effect is obsd. Thus, in a field expt. with tomato treatment with 1920

ha Cabrio Top (a com. formulation of pyraclostrobin 5 and metiram 55%) yielded 75% efficacy in preventing any damage of leaves, whereas the leaves of untreated plants showed 20% infection by Xanthomonas ssp. The effect of metiram alone on bacteria was very close to zero.

L11 ANSWER 10 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:1064467 CAPLUS

DOCUMENT NUMBER:

147:358808 Inducing virus tolerance of plants with strobilurins combined with other components Koehle, Harald; Bardinelli, Ted R.; TITLE:

INVENTOR(S):

Tavares-Rodrigues, Marco-Antonio

Marco-Antonio
Basf A.-G., German
PCT Int. Appl., 31
CODEN: PIXXD2
Patent PATENT ASSIGNEE(S):

DOCUMENT TYPE. English

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO.

L11 ANSWER 10 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

A method of inducing virus tolerance of plants which comprises treating the plants, the soil or seeds with an effective amount of a strobilurin

and a second active component selected from 14 groups of compds. The agents

a secona active component selected from 14 groups of compds. The agents are typically admixed, and the components, which are taken up by the plants or seeds, are used in ratios from 100:1 to 1:100. Thus, field expts. were conducted to study the preventive action on tomatoes against viruses. Cabrio Top (a com. formulation containing pyraclostrobin 5 and metiram 55%) was applied at 400 g/100 L to runoff. The tomato plants which were treated only in the seed box (trial 1) showed 60% infested leaf

area, the plants after seed box treatment and leaf application (trial 2) showed 34% infested leaf area, whereas the leaves of the untreated plants were infested by 74%.

L11 ANSWER 11 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER:

CAPLUS COPYRIGHT 2008 ACS on STN 2007:1054385 CAPLUS 147:35880; STN 147:35880; STN 2007:1054385 CAPLUS Fungicidal combinations including carboxamides Dunkel, Ralf; Stty-Heinze, Anne; Machendorff-Neumann, Ulrike; Dahmen, Peter; Greul, Joerg Nico Bayer Cropscience A.-G., Germany FCT Int. Appl., 124pp. CODEN: PIXXD2 Patent German 1 INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATE | NT I | 10. | | | KIN | D | DATE | | | APPL: | ICAT: | ION I | NO. | | D | ATE | |
|----------|------|-------|------|-----|-----|-----|------|------|-----|-------|-------|-------|-------|-------|------|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WO 2 | 0071 | 10443 | 37 | | A1 | | 2007 | 0920 | , | WO 21 | 007- | EP17: | 90 | | 21 | 0070 | 302 |
| | W: | ΑE, | AG, | AL, | AM, | ΑT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, |
| | | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, |
| | | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, |
| | | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, |
| | | ВJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, |
| | | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, |
| | | BY, | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | |
| DE 1 | 0200 | 0601: | 1869 | | A1 | | 2007 | 0920 | | DE 21 | 006- | 1020 | 0601: | 1869 | 21 | 0060 | 315 |
| PRIORITY | APPI | N. 3 | INFO | . : | | | | | | DE 21 | 006- | 1020 | 0601 | 18692 | A 21 | 0060 | 315 |

OTHER SOURCE(S):

RSOURCE(S): MARPAT 147:358805
187233-48-3D, mixts. with carboxamides 214706-53-3D,
mixts. with carboxamides 249648-16-6D, mixts. with carboxamides 424824-17-9D, mixts. with carboxamides
424824-17-9D, mixts. with carboxamides
(EL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(as synergistic fungicides)
[87.233-48-3 CAPLUS [1.2,4]Tisacolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 11 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(15)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

ACCESSION NUMBER:

DOCUMENT NUMBER:

ANSWER 12 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2007:1029669 CAPLUS

147:337729

147:337729

ENTOR(S): Synergistic fungicides and insecticides containing phthalamides combined with other components

ENTOR(S): Fischer, Ruediger; Elbe, Hans-Ludwig; Dunkel, Ralf; Wachendorff-Neumann, Ulrike; Suty-Heinze, Anne; Dahmen, Peter; Hungenberg, Heike; Thielert, Wolfgang; Springer, Bernd

ENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

CODEN: PIXXD2

UMENT TYPE: GGAGE: German

LIY ACC. NUM. COUNT: 1 INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATEN: | | | | KIN | - | DATE | | | APPL | ICAT | | | | - | ATE | |
|--------|--------|------|-----|-----|-----|------|------|-----|------|-------|------|------|------|-----|------|------|
| WO 200 | 071015 | 47 | | A2 | | 2007 | 0913 | | WO 2 | 007- | EP14 | 66 | | 2 | 0070 | 221 |
| W | : AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, |
| | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, |
| | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, |
| | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | ΤJ, | TM, | TN, | TR, | TT, |
| | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | |
| R1 | W: AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| DE 102 | 200603 | 7120 | | A1 | | 2007 | 0913 | | DE 2 | 2006- | 1020 | 0603 | 7120 | 2 | 0060 | 809 |
| RITY A | PPLN. | INFO | . : | | | | | | DE 2 | 2006- | 1020 | 0601 | 0202 | A 2 | 0060 | 306 |
| | | | | | | | | | DE 2 | 2006- | 1020 | 0603 | 7120 | 4 2 | กกรก | an 9 |

MARPAT 147:337729 OTHER SOURCE(S):

R SOURCE(S): MARFM1 14/1557/29
187233-48-3D, mixts. with phthalamide derivs. 214706-53-3D
, mixts. with phthalamide derivs. 249648-16-6D, mixts. with phthalamide derivs. 424824-17-9D, mixts. with phthalamide

phthalamide derivs. 424824-1/-yp, mlats. with principle derivs.

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (as synergistic fungicides and insecticides) 187233-48-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 11 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) GI

AB Novel active ingredient combinations with excellent fungicidal properties consist of a carboxamide of the general formula (I) (R = H, F;, R1 = H, halo, (halo)alkyl; A = (un)substituted heterocyclyl) and ≥1 other active ingredient selected from 24 groups of compds. such as strobilurins and triazoles. Thus, a mixture of 3-(difluoromethyl)-N-[2-(3,3-dimethylbutyl)phenyl]-1-methyl-1H-pyrazole-4-carboxamide and trifloxystrobin at 0.003 + 0.01 ppm synergistically inhibited growth of Pyricularia cryzae in microtiter plates.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 12 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

PRI

L11 ANSWER 12 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Combinations of phthalamides (I, where X = Cl, Br, or I, with R- or, preferably, S-configuration) and ≥ 1 other active ingredient selected from 23 groups of compds. have excellent insecticidal and fungicidal properties. Thus, (S)-I (X = Cl) + N-[2-(1,3-dimethyl-Denyl)-5-fluoro-1,3-dimethyl-H-pyrazole-4-carboxamide

at 3 + 3 ppm synergistically inhibited growth of Penicillium brevicaule; also, (S)-I (X = Cl) + II at 20 + 100 ppm synergistically controlled Aphis

gossypii on cotton (Gossypium herbaceum) leaves.

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2007:998811 CAPLUS COPYRIGHT 2008 ACS ON STN 147:323007

TITLE:

147:323007
Preparation of 6-phenyl-7-amino-1,2,4-triazolo[1,5-a]pyrimidines as agricultural fungicides
Dietz, Jochen, Grote, Thomas, Grammenos, Wassilios;
Mueller, Bernd; Lohmann, Jan Klaas; Renner, Jens;
Ulmschneider, Sarah
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 67pp.
CCDEN: PIXXD2
Patent INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | | | | | _ | | | |
|----------|-------|-------|-----|-----|-----|-----|------|------|------|------|------|-------|-----|-----|------|-------|-----|
| PAT: | ENT I | 40. | | | KIN | D | DATE | | | APPL | ICAT | ION : | NO. | | D. | ATE | |
| | | | | | | - | | | | | | | | | - | | |
| WO : | 20070 | 0990: | 92 | | A1 | | 2007 | 0907 | | WO 2 | 007- | EP51 | 831 | | 2 | 0070: | 227 |
| | w: | ΑE, | AG, | AL, | AM, | ΑT, | AU, | ΑZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, |
| | | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, |
| | | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, |
| | | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | sv, | SY, | TJ, | TM, | TN, | TR, | TT, |
| | | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ΒJ, |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| PRIORITY | APPI | INFO | . : | | | | | | EP 2 | 006- | 4006 | | | A 2 | 0060 | 228 | |

OTHER SOURCE(S): MARPAT 147:323007

IT 947737-18-0P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT
(Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of (phenyl) (amino)triazolopyrimidines as agricultural
Fungicides)

CAPLUS

94/13/-18-0 CAPLOS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propen-1-yl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

ANSWER 13 OF 199 CAPLUS COPYRIGHT 200:

388061-09-4P 947737-20-4P 947737-21-5P 947737-24-6P 947737-22-6P 947737-26-0P 947737-26-0P 947737-23-1P 947737-32-8P 947737-33-1P 947737-32-8P 947737-33-1P 947737-33-1P 947737-33-1P 947737-33-1P 947737-33-1P 947737-33-1P 947737-38-4P 947737-34-2P 947737-43-1P 947737-44-2P 947737-43-1P 947737-44-2P 947737-43-1P 947737-43-1P 947737-43-1P 947737-51-3P 947737-51-3P 947737-43-1P 947737-43-1P 947737-43-1P 947737-43-1P 947737-43-1P 947737-51-3P 947737-71-3P 947737-71-3P 947737-71-3P 947737-71-3P 947737-3P 947733-3P 947737-3P 947733-3P 947737-3P 947733-3P 947737-3P 947733-3P 947

RE: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(preparation of (phenyl) (amino)triazolopyrimidines as agricultural fungicides)
31,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 947737-20-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methoxyphenyl)N-ethyl-5-methoxy-N-(2-methyl-2-propen-1-yl)- (CA INDEX NAME)

947737-21-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-[ethyl[2-methyl-2-propen-1-yl)amino]- (CA INDEX NAME)

947737-24-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,5-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

947737-25-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-26-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

947737-27-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-(2,5-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

947737-28-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(2,5-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

947737-29-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(2-methylpropyl)- (CA INDEX NAME)

(Continued)

947737-30-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

947737-31-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-32-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

947737-33-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

947737-34-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-35-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

947737-36-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-37-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947737-38-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,5-difluoro-4-methylphenyl)7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-39-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-ethyl-N-(2-methyl-N-2-propen-1-yl)- (CA INDEX NAME)

$$\begin{array}{c} \text{Et} & \text{CH2} \\ \text{Me} & \text{F} & \text{N=CH2-C-Me} \end{array}$$

947737-40-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-[(IR)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-44-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

NHTCH2TCF3

947737-45-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

947737-47-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[(2,2,2-trifluoro-1-methylethyl)amino]- (CA INDEX NAME)

RN 947737-48-6 CAPLUS

Page 22

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-41-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

947737-42-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(2,2,3,3,4,4,4-heptafluorobutyl)- (CA INDEX NAME)

947737-43-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-[(18)-1,2,2-trimethylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

(Continued)

947737-50-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxypheny1)-7-[(2,2,2-trifluoro-1-methylethyl)amino]- (CA INDEX NAME)

RN 947737-51-1 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methoxyphenyl)5-methoxy-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 947737-52-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-54-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methylphenyl)-5-methoxy-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

947737-55-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

947737-57-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-62-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

947737-64-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

947737-65-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

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L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-58-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 947737-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,5-difluoro-4-methylphenyl)7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

947737-61-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methylphenyl)-5-methoxy-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

RN 947737-66-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,5-difluoro-4-methylphenyl)7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-68-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methylphenyl)-5-methoxy-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-69-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-71-5 CAPLUS [1,2,4]pyrimidine, 6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-72-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-74-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methylphenyl)-5-methoxy-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-75-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-81-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methylphenyl)-5-methoxy-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-82-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-84-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-77-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-78-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 947737-79-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,5-difluoro-4-methylphenyl)7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947737-85-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

947737-87-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methoxyphenyl)-7-(hexahydro-1H-azepin-1-yl)-5-methoxy- (CA INDEX NAME)

947737-88-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947737-89-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,5-difluoro-4-methylphenyl) 7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

RN 947737-91-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,5-difluoro-4-methylphenyl)-7(hexahydro-1H-azepin-1-yl)-5-methoxy- (CA INDEX NAME)

RN 947737-92-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947737-98-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopropyl-6-(2,5-difluoro-4-methylphenyl)-5-methoxy- (CA INDEX NAME)

RN 947737-99-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(cyclopropylamino)-6(2,5-difluoro-4-methylphenyl)- (CA INDEX NAME)

RN 947738-01-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclohexyl-6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947737-94-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopropyl-6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy- (CA INDEX NAME)

RN 947737-95-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(cyclopropylamino)-6-(2,5-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

RN 947737-96-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(2,5-difluoro-4-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947738-02-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(cyclohexylamino)-6-(2,5-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

RN 947738-03-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-(2,5-difluoro-4-methylphenyl)- (CA INDEX NAME)

RN 947738-05-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclohexyl-6-(2,5-difluoro-4-methylphenyl)-5-methoxy- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947738-06-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(cyclohexylamino)-6-(2,5-difluoro-4-methylphenyl)- (CA INDEX NAME)

947738-09-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-6-(2,5-difluoro-4-methoxyphenyl)-5-methoxy- (CA INDEX NAME)

947738-09-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(cyclopentylamino)-6-(2,5-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947738-15-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluozo-4-methylphenyl)-Nethyl-5-methoxy-N-(2-methyl-2-propen-1-yl)- (CA INDEX NAME)

947738-16-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[ethyl(2-methyl-2-propen-1-yl)amino]- (CA INDEX NAME)

$$\begin{array}{c|c} Et & CH_2 \\ \hline Me & & \\ F & N-CH_2-C-M \end{array}$$

RN 947738-18-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methylphenyl)-5methoxy-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947738-10-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,5-difluoro-4-methylphenyl)- (CA INDEX NAME)

947738-12-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-6-(2,5-difluoro-4-methylphenyl)-5-methoxy- (CA INDEX NAME)

947738-13-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(cyclopentylamino)-6-(2,5-difluoro-4-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947738-19-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)

RN 947738-21-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methoxyphenyl)5-methoxy-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

947738-22-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-[(2,2,2-trifluoroethyl)amino]- (CA INDEX NAME)

947738-24-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-[(1,2,2-trimethylpropyl)amino]- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947738-25-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methoxyphenyl)5-methoxy-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

947738-26-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

947738-28-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[(1,2,2-trimethylpropyl)amino]- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947738-29-6 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-diffuoro-4-methylphenyl)-5methoxy-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

947738-30-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-(1,2-dimethylphenyl)- (CA INDEX NAME)

RN 947738-32-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methylphenyl)-N(1,2-dimethylpropyl)-5-methoxy- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947738-33-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[(1,2-dimethylpropyl)amino]- (CA INDEX NAME)

RN 947738-35-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difuoro-4-methoxyphenyl) N-(1,2-dimethylpropyl)-5-methoxy- (CA INDEX NAME)

947738-36-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-[(1,2-dimethylpropyl)amino]- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

947738-37-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

RN 947738-39-8 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 6-(2,5-difluoro-4-methylphenyl)-5-methoxy-N-(1-methylpropyl)- (CA INDEX NAME)

947738-40-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[(1-methylpropyl)amino]- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947738-42-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methoxyphenyl) 5-methoxy-N-(1-methylpropyl)- (CA INDEX NAME)

947738-43-4 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methoxyphenyl)-7-[(1-methylpropyl)amino]- (CA INDEX NAME)

947738-44-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-(2-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 947738-50-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4methoxyphenyl)-7-[(2-methylpropyl)amino]- (CA INDEX NAME)

947738-51-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methylphenyl)-N-(2,2,3,3,4,4,4-heptafluorobutyl)- (CA INDEX NAME)

RN 947738-53-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methylphenyl)-N(2,2,3,3,4,4,4-heptafluorobutyl)-5-methoxy- (CA INDEX NAME)

947738-54-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[(2,2,3,3,4,4,4-heptafluorobutyl)amino]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{F} \\ \text{NH-CH2-CF2-CF2-CF3} \\ \end{array}$$

RN 947738-56-9 CAPLUS

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 947738-46-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difuoro-4-methylphenyl)-5methoxy-N-(2-methylpropyl)- (CA INDEX NAME)

947738-47-8 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-difluoro-4-methylphenyl)-7-[(2-methylpropyl)amino]- (CA INDEX NAME)

RN 947738-49-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2,5-difluoro-4-methoxyphenyl)5-methoxy-N-(2-methylpropyl)- (CA INDEX NAME)

(Continued)

947738-57-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,5-diffluoro-4-methoxyphenyl)-7-[(2,2,3,3,4,4,4-heptafluorobutyl)amino]- (CA INDEX

GI

The title compds. [1; R1 = (substituted) (halo)alkyl, (halo)cycloalkyl, (halo)alkenyl, (halo)cycloalkenyl, (halo)alkynyl, Ph, naphthyl, 5-6 membered heterocyclyl containing 1-4 heteroatoms selected from O, N and

S; R2

= H, R1; L1 = alkyl, alkoxy; L2 = F, C1, alkyl; X = halo, cyano, (halo)alkyl, alkoxy, haloalkoxy], were prepared Thus, a mixture of 5,7-dichloro-6-(2,5-difluoro-4-methoxyphenyl)-1,2,4-triazolo[1,5-a]pyrimidine, N-ethyl-2-prethylallylamine and EtN in CH2C12 was stirred over night at room temperature to give 68% 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-7-[N-ethyl-N-(2-methyl)-2-propen-1-ylamino]-1,2,4-triazolo[1,5-a]pyrimidine. The latter as a 63 ppm spray on tomato infected with Alternaria solani reduced infection to 10% vs. 90% for untreated controls.

REFERENCE COUNT:

4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

L11 ANSWER 13 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 14 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:728632 CAPLUS
DOCUMENT NUMBER: 147:13451
TITLE: Preparation of dimers and adducts of phenyltriazolopyrimidines as anticancer agents
NUMBRIOR(S): Why Yanzhong; Blum, David M.; Beyer, Carl
Weth, John, and Brother Ltd., USA
SOURCE: COEN: PIXXD2
DOCUMENT TYPE: Patent

English DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA | PATENT NO. | | | | | D | DATE | | | APPL | ICAT | ION : | NO. | | D. | ATE | |
|----|------------|------|-----|-----|-----|-----|------|------|-----|------|------|-------|-----|-----|-----|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WC | 2007 | 0754 | 65 | | A1 | | 2007 | 0705 | | WO 2 | 006- | US48 | 013 | | 2 | 0061 | 215 |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, |
| | | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, |
| | | MN, | MW, | MX, | MY, | MΖ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, |
| | | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | sv, | SY, | TJ, | TM, | TN, | TR, | TT, |
| | | TZ, | UA, | UG, | US, | UΖ, | VC, | VN, | ZA, | ZM, | zw | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | ΜZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | ΑZ, | BY, |

KG, KZ, MD, RU, TJ, TM
PRIORITY APPLN. INFO.: US 2005-751166P P 20051216

OTHER SOURCE(S): MARPAT 147:143451

IT 943515-64-8P 943515-65-9P 943515-66-0P
943515-67-1P 943515-68-2P 943515-69-3P
943515-70-6P 943515-71-7P 943515-72-8P
943515-73-9P

943515-73-9P RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Therapeutic user, Assa Landson, (Uses) (claimed compound; preparation of dimers and adducts of phenyltriazolopyrimidines as anticancer agents) 943515-64-8 CAPLUS Butanoic acid, 4-[3-[4-[5-chloro-7-[[(18)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]propyl]methylamino]-4-oxo- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 14 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

943515-65-9 CAPLUS 2-Butenoic acid, 4-[[3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]propyl]methylamino]-4-oxo-, (2E) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

943515-66-0 CAPLUS
Formanide, N-[3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]propyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

$$\begin{array}{c} \text{Me} \\ \text{OHC} \\ \end{array} \\ \text{OHC} \\ \begin{array}{c} \text{N} \\ \text{CI} \\ \end{array} \\ \begin{array}{c} \text{N} \\ \text{S} \\ \text{CF}_{3} \\ \end{array} \\ \end{array}$$

943515-67-1 CAPLUS Acetamide, N-[3-[4-[5-chloro-7-[[(18)-2,2,2-trifluoro-1-methylethyl]amino[1],2,4|triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]propyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

Page 29

L11 ANSWER 14 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

943515-68-2 CAPLUS
Propanamide, N-[3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]propyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

943515-69-3 CAPLUS

943515-69-3 CAPLUS
Butanamide, N-[3-[4-[5-chloro-7-[[(18)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]propyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

943515-70-6 CAPLUS Pentanamide, N-[3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]propyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 14 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

943515-71-7 CAPLUS
Hexanamide, N-[3-[4-[5-chloro-7-[[(18)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]propyl]-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 943515-72-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine,
N5-[3-[4-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-

 $\label{local-prop} $$ difluorophenoxy] propyl] -6-[2,6-difluoro-4-[3-(methylamino)propoxy] phenyl] -N5-methyl-N7-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)$

L11 ANSWER 14 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB

, R4, R5 = H, alkyl; R7 = ZR9; Z = CO, NO, SO2, PO2H; R9 = H, OH, (substituted) alkyl, alkenyll, and dimers thereof, were prepared Thus, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy)phenyl]-N-(IS)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine and succinic anhydride were stirred together in THF for 1 h to give 92% title compound (II). II showed cytotoxicity to COLO 205 cells with IC50 = 1.9 uM.

REFERENCE COUNT: THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 14 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 943515-73-9 CAPLUS COPYRIGHT 2008 ACS on STN RN 1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, N5-[3-[4-[5-chloro-7-[[(1S)-(Continued)

2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]3,5-difluorophenoxy]propyl]-6-[2,6-difluoro-4-[3(methylamino)propxy]phenyl]-N5-methyl-N7-[(1R)-2,2,2-trifluoro-1methylethyl]- (CA INDEX NAME)

Absolute stereochemistry

849550-05-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of dimers and adducts of phenyltriazolopyrimidines as anticancer agents)
849550-05-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

GI

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:701188 CAPLUS
DOCUMENT NUMBER: 147:102187
Little: Lyophilized compositions of a triazolopyrimidine compound
INVENTOR(S): Ku, M. Sherry; Huang, W. James
Wyeth, John, and Brother Ltd., USA
SCORCE: U.S. Fat. Appl. Publ., 10pp.

DOCUMENT TYPE: Pater
LANGUAGE: Pater
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA | TENT | NO. | | | KIN: | D | DATE | | | APPL | ICAT | ION I | NO. | | Di | ATE | |
|---------|------------|------|------|-----|------|-----|------|------|-----|------|------|-------|-----|-----|------|------|-----|
| | | | | | | _ | | | | | | | | | - | | |
| US | 2007 | 1495 | 52 | | A1 | | 2007 | 0628 | | US 2 | 006- | 6396 | 42 | | 21 | 0061 | 215 |
| WO | 2007 | 0754 | 52 | | A2 | | 2007 | 0705 | | WO 2 | 006- | US47 | 977 | | 21 | 0061 | 215 |
| WO | 2007 | 0754 | 52 | | A3 | | 2007 | 0823 | | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | GT, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, |
| | | KP, | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, |
| | | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, |
| | | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SV, | SY, | ΤJ, | TM, | TN, | TR, | TT, |
| | | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | zw | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | ΑZ, | BY, |
| | KG, KZ, MD | | | | RU, | TJ, | TM, | AP, | EA, | EP, | OA | | | | | | |
| PRIORIT | Y APP | LN. | INFO | . : | | | | | | US 2 | 005- | 7511: | 31P | | P 21 | 0051 | 216 |

R SOURCE(S): MARPAT 147:102187

849550-05-6 849550-66-9 849550-68-1

942273-47-4 942273-48-5 942273-49-6

942273-50-9 942273-51-0 942273-52-1

942273-53-2 942273-51-0 942273-55-4

942273-56-5 942273-57-6

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(lyophilized compuns. of triazolopyrimidine compound)

849550-05-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (NDEX NAME) OTHER SOURCE(S):

Absolute stereochemistry.

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 849550-66-9 CAPLUS Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:7) (CA INDEX NAME.) CM 1 CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O Absolute stereochemistry. MeNH (CH₂)3 CM 2 но2с-сн2-сн2-со2н 849550-68-1 CAPLUS
Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine, hydrate (1:7:7) (CAINDEX NAME) CM 1 CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O Absolute stereochemistry. L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) но-с-снз 942273-48-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, (2E)-2-butenedioate (1:7) (CA INDEX NAME) CM 1 CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O Absolute stereochemistry. MeNH (CH2)3 CM 2 CRN 110-17-8 CMF C4 H4 O4 Double bond geometry as shown. НО2С Е СО2Н 942273-49-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, (22)-2-butenedioate (1:7) (CA INDEX NAME) CM 1

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) MeNH (CH₂)3 CM 2 CRN 110-15-6 CMF C4 H6 O4 но₂с-сн₂-сн₂-со₂н 942273-47-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, acetate (1:1) (CA INDEX NAME) CM 1 CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O Absolute stereochemistry. MeNH (CH2)3 CM 2 CRN 64-19-7 CMF C2 H4 O2 L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) MeNH (CH₂)3

Double bond geometry as shown.

CRN 110-16-7 CMF C4 H4 O4

942273-50-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, methanesulfonate (1:1) (CA INDEX NAME)

CM 1 CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

CM 2

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O Absolute stereochemistry.

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

но--снз

942273-51-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, (2R,3R)-2,3-dihydroxybutanedioate (1:7) (CR INDEX NAME)

CM 1

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

MeNH (CH2)3

CM 2

CRN 87-69-4 CMF C4 H6 O6

Absolute stereochemistry.

942273-52-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, 2-hydroxy-1,2,3-propanetricarboxylate(1:7) (CA INDEX NAME)

CM 1

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 98-11-3 CMF C6 H6 O3 S

942273-54-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, compd. with L-Aspartic acid (1:7) (CA INDEX NAME)

CM 1

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

MeNH (CH₂)3

CM 2

CRN 56-84-8 CMF C4 H7 N O4

Absolute stereochemistry. Rotation (+).

942273-55-4 CAPLUS Benzeneacetic acid, α -hydroxy-, (αR) -, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:1)

Page 32

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CRN 849550-05-6
CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

MeNH (CH2)3

CM 2

. С—си₂—со₂и

942273-53-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, benzenesulfonate (1:1) (CA INDEX NAME) RN CN

CM 1

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN INDEX NAME) (Continued)

CM 1

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

CM 2

CRN 611-71-2 CMF C8 H8 O3

Absolute stereochemistry. Rotation (-).

942273-56-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, sulfate (1:1) (CA INDEX NAME)

CM 1

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2 CRN 7664-93-9 CMF H2 O4 S

942273-57-6 CAPLUS

Hexadecanoic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:1) (CA INDEX

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

CM 2

CRN 57-10-3 CMF C16 H32 O2

HO2C-(CH2)14-Me

AB The present invention relates to lyophilized compns. of a triazolopyrimidine compound, or a hydrate thereof, solns. useful in

ring the lyophilized compns.; methods for preparing such compns.; methods of

L11 ANSWER 16 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:526074 CAPLUS
DOCUMENT NUMBER: 147:22741
TITLE: 2-Cyanoaminopyrimidines as a class of antitumor

DOCUMENT NUMBER: TITLE: agents

that promote tubulin polymerization Zhang, Nan; Ayral-Kaloustian, Semiramis; Nguyen,

AUTHOR(S):

CORPORATE SOURCE:

Hernandez, Richard; Beyer, Carl
Discovery Medicinal Chemistry, Chemical and Screening
Sciences, Wyeth Research, Pearl River, NY, 10965, USA
Bioorganic & Medicinal Chemistry Letters (2007),
17(11), 3003-3005
CODEN: BNGLE8; ISSN: 0960-894X
Elsevier Ltd.
Journal
English
CASREACT 147:22741

CODEN: EMCLE8; ISSN: 0960-894X

Blsevier Ltd.

DOCUMENT TYPE: Journal
LANGUAGE: English

COTHER SOURCE(S): CASRACT 147:22741

IT 214633-89-3

RL: RCT (Reactant); RACT (Reactant or reagent)
(cyanoaminopyrimidines as antitumor agents that promote tubulin polymerization)

RN 214633-89-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chlor-M-C,2,2-trifluoroethyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

L11 ANSWER 15 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued reconstituting the same; kits contg. such compns.; and uses of the (Continued)

ns. for the treatment of cancer. A 5-mg strength vial was lyophilized from a 2 mg/mL bulk soln. using the dihydrate succinate salt of a triazolopyrimidine compd. Since the concn. of the active ingredient

was not adequate to produce a strong lyophile cake, mannitol at 40 mg/mL was utilized as a bulking agent and the bulk soln. pH was about 4.9.

L11 ANSWER 16 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

A series of 4-chloro-2-cyanoamino-6-fluoroalkylamino-5-phenylpyrimidines was prepared as a result of our efforts to modify a series of [1,2,4]triazolo[1,5-a]pyrimidines that proved to be potent anticancer agents with a unique mechanism of tubulin inhibition. On the cyanoamino nitrogen, a Me group is optimal for activity among alkyl groups introduced. The structure-activity relationship for the rest of the molresembles that of [1,2,4]triazolo[1,5-a]pyrimidines. A lead compound 5

retained in vitro potency compared with TTI-237. In the mechanism of action studies, it behaved in the same manner as TTI-237. In addition, it is

it is

also capable of overcoming multidrug resistance due to P-qp. These
findings strongly suggest that this series of 2-cyanoaminopyrimidines
binds at the same site and in the same binding mode as TIT-237. Further
modifications of the 2-cyanoamino group are underway.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

Lil ANSWER 17 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007.466736 CAPLUS
DOCUMENT NUMBER: 147:441768
Ternary fungicidal mixtures based on azolopyrimidinylamines
AULTHOR(S): ADDD.

AUTHOR(S):

CORPORATE SOURCE: SOURCE:

USA
IP.com Journal (2007), 7(3B), 10 (No. IPCOM000147377D), 12 Mar 2007
CODEN: IJPOBX; ISSN: 1533-0001
IP.com, Inc.
Journal; Patent

PUBLISHER:
DOCUMENT TYPE:
LANGUAGE:
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE 20070312

IP 147377D 20070312
PRIORITY APPLN. INFO.: IP 2007-147377D 200703
IT 214706-53-3
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
cactive substance, mixture with 2 components; ternary fungicidal 20070312

based on azolopyrimidinylamines)
214706-53-3 CAPLUS
(1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Ternary fungicidal formulations are presented containing 1) 5-alkyl-6-phenyl-[1,2,4]trlazolo[1,5-alpyrimidin-7-ylamine or <math>5,6-dialkyl-[1,2,4]trlazolo[1,5-alpyrimidin-7-ylamine as activeAB

onents and 2) 2 active substances selected from: ethaboxam, strobilurines carbonic acid amides, dithiocarbamates, phosphorous acid (salts) and copper-containing fungicides. The formulations are effective against a

spectrum of phytopathogenic fungi and can be applied in crops modified by genetic engineering. They can be applied as foliar or soil fungicides or for seed coating in many crops.

ACCESSION NUMBER:

ANSWER 18 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2007:385315 CAPLUS

146:374187 146:37 ACCESSION NUMBER:
DOCUMENT NUMBER:
TITLE:
INVENTOR(S):
PATENT ASSIGNEE(S):
SOURCE:

DOCUMENT TYPE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ENT | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION I | NO. | | D. | ATE | |
|----------|----------------------|------|-----|-----|-----|-----|------|------|-----|------|------|-------|-----|-----|-----|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WO | 2007 | 0363 | 55 | | A2 | | 2007 | 0405 | | WO 2 | 006- | EP94 | 03 | | 2 | 0060 | 927 |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MY, | MΖ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, |
| | | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, | sv, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, |
| | | UA, | UG, | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| PRIORITY | IORITY APPLN. INFO.: | | | | | | | | | EP 2 | 005- | 2127 | 8 | | A 2 | 0050 | 929 |
| | | | | | | | | | | EP 2 | 005- | 2591 | 5 | | A 2 | 0051 | 128 |

EP 2005-25915

807344-63-4 IT 80/344-63-4 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (synergistic fungicide for controlling plant diseases) 807344-63-4 (APLUS

2-Pyrimidinamine, 4-cyclopropyl-6-methyl-N-phenyl-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 17 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L11 ANSWER 18 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Compns. effective in controlling or preventing diseases caused by phytopathogens on useful plants or on plant propagation material AB

comprise.
in addition to customary inert formulation adjuvants, a mixture of cyprodinil

ndinil and a synergistically effective amount of a compound known for fungicidal activity. Thus, cyprodinil + dodine at 4 + 16 ppm provided 97.5% control of Botrytis cinerea in nutrient broth; growth was inhibited synergistically.

L11 ANSWER 19 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:329720 CAPLUS DOCUMENT NUMBER: 146:352963 146:352963
Synergistic fungicide composition comprising an arylamidine derivative and two known fungicides Dahmen, Peter; Seitz, Thomas; Wachendorff-Neumann, Ulrike
Bayer CropScience A.-G., Germany
PCT Int. Appl., 49pp.
CODEN: PIXXD2 TITLE: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: English FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE

MO 2007031507 A1 20070322 MC 2006-EP66266 20060912
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BK, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, RH, HE, HU, II, IL, IN, IS, JP, KE, KG, MM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
MM, MX, MY, MZ, NA, NS, NI, NO, NZ, OM, FG, PH, FL, FT, FO, RS,
RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TIN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, ZA, ZM, ZE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, FL, FT, RO, SE, SI, SK, TR, BF, B7,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
CM, KE, LS, MM, MZ, NA, SD, SL, S2, TZ, UG, ZM, ZW, AM, AZ, EY,
KG, KZ, MD, RU, TJ, TM

RITT APPLIN. INFO:: KG, KZ, M PRIORITY APPLN. INFO.: A 20050913 EP 2005-356154

EF 2005-356154 A 200

R SOURCE(S): MARPAT 146:352963
214706-53-3D, mixts. with arylamidine derivs. 424824-17-9D, mixts. with arylamidine derivs. 424824-18-0D, mixts. with arylamidine derivs. 424824-18-0D, mixts. with arylamidine derivs.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (symergistic fungicide compns.)
214706-53-3 CAPLUS [12,2,4]Tidarolavi F OTHER SOURCE(S):

(synergistic fungation of the company of the compan

L11 ANSWER 19 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

424824-18-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 19 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

NR2R3 М

The invention relates to a synergistic fungicide composition comprising

an arylamidine derivative I [R1 = H, (un)substituted alkyl, alkenyl, etc.; R2, R3 = R1, cyano, acyl, etc.; R4, R5 = OH, SH, (un)substituted alkyl, alkenyl or alkynyl, etc.; R6 = (un)substituted carbocyclyl; A = bond, O, S, SO, SO2, etc.; m = 0, 1-3] and two other fungicides.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO.

GI

APLUS COPYRIGHT 2008 ACS on STN 2007.329372 CAPLUS 146:332477
Plant protection against phytopathogenic agents using kiralaxyl-based compositions Gewehr, Markus; Burgers, Jan Willem; Wilhelm, Ronald Basf Aktiengesellschaft, Germany PCT Int. Appl., 33pp. CODEN: PIXXD2
Patent German 1 ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE:

L11 ANSWER 20 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

KIND DATE APPLICATION NO. PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2007031283 A2 20070326
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LK, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MN, MX, MX, MX, MX, NA, NG, NI, NO, NZ, CM, FG, FH, FL, FT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, FL, FT, RO, SE, SI, SK, TR, FF, BJ, CF, GC, CI, CM, GA, GN, GQ, GN, ML, MR, NR, SN, ST, TJ, TG, BW, GR, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MB, RU, IJ, TM, AP, EA, EP, GA

929213-45-6

9/39/13-40-06
RE: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(plant protection composition against phytopathogenic agents)
9/29213-45-6 CAPLUS
D-Alanine, N-(2,6-dimethylphenyl)-N-(2-phenylacetyl)-, methyl ester, mixt

with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

Page 35

L11 ANSWER 20 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CRN 98243-83-5 CMF C20 H23 N O3

Absolute stereochemistry.

The invention relates to a method for protecting against phytopathogenic agents consisting in treating seeds with kiralaxyl [Me N-(phenylacetyl)-N-(2,6-xylyl)-D-alaninate] in combination with a fungicide and/or insecticide.

L11 ANSWER 21 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

RN 928642-95-9 CAPLUS

AN 350042-30-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(18)-2,2,2-trifluoro1-methyl]-6-(2,4,6-trifluorophenyl)-, (2E)-2-butenedioate, hydrate
(1:7:2) (CA INDEX NAME)

CM 1

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

L11 ANSWER 21 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:287127 CAPLUS DOCUMENT NUMBER: 146:323549

Preparation of crystalline forms of 5-chloro-6-{2,6-difluoro-4-[3-TITLE:

(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1methylathyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine
salts
INVENTOR(S):
Oi, Fang Fang; Ku, M. Sherry; Wu, Yanzhong; Blum,
David M.
PATENT ASSIGNEE(S):
Wyeth, John, and Brother Ltd., USA
SOURCE:
U.S. Fat. Appl. Fubl., 19pp., Cont.-in-part of U.S.
Ser. No. 950, 543.
CODEN: USXXCO
DOCUMENT TYPE:
LANGUAGE:
English
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | CENT : | | | | | | DATE | | | | LICAT | | | | | DATE | |
|----------|--------|------|------|-----|-----|-----|------|------|-----|-----|--------|------|-----|-----|------|-------|-----|
| | 2007 | | | | | | | | | | 2006- | | | | | 20060 | |
| US | 2005 | 0905 | 08 | | A1 | | 2005 | 0428 | | US | 2004- | 9505 | 43 | | - 2 | 20040 | 924 |
| WO | 2007 | 1366 | 92 | | A2 | | 2007 | 1129 | | WO. | 2007- | US11 | 817 | | - 2 | 20070 | 517 |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BH, | BR, | BW, | BY, | BZ, | CA, |
| | | CH, | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM | l, DZ, | EC, | EE, | EG, | ES, | FI, | GB, |
| | | GD, | GE, | GH, | GM, | GΤ, | HN, | HR, | ΗU, | ID | , IL, | IN, | IS, | JP, | KE, | KG, | KM, |
| | | KN, | KP, | KR, | KΖ, | LA, | LC, | LK, | LR, | LS | , LT, | LU, | LY, | MA, | MD, | ME, | MG, |
| | | MK, | MN, | MW, | MX, | MY, | MZ, | NA, | NG, | NI | , NO, | NZ, | OM, | PG, | PH, | PL, | PT, |
| | | RO, | RS, | RU, | SC, | SD, | SE, | SG, | SK, | SL | , SM, | SV, | SY, | ТJ, | TM, | TN, | TR, |
| | | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | ZA | , ZM, | ZW | | | | | |
| | RW: | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE | , ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | MT, | NL, | PL | , PT, | RO, | SE, | SI, | SK, | TR, | BF, |
| | | | | | | | | | | | , ML, | | | | | | |
| | | GH, | GM, | KE, | LS, | MW, | MΖ, | NA, | SD, | SL | , SZ, | TZ, | UG, | ZM, | ZW, | AM, | ΑZ, |
| | | | | | MD, | RU, | TJ, | TM | | | | | | | | | |
| PRIORIT: | APP: | LN. | INFO | . : | | | | | | US | 2003- | 5055 | 44P | | P : | 20030 | 924 |
| | | | | | | | | | | US | 2004- | 9505 | 43 | | A2 : | 20040 | 924 |
| | | | | | | | | | | US | 2006- | 4372 | 91 | | A : | 20060 | 519 |

IT 928642-93-7P 928642-95-9P 928642-96-0P
928642-97-1P 928642-98-2P 928642-99-3P
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of crystalline forms of
chloro(difluoromethylaminopropoxy)phenyltrif
luoromethylethyltriazolopyrimidinamine salts)
RN 928642-93-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)-, (2E)-2-butenedioate (1:7) (CA INDEX NAME)

L11 ANSWER 21 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CM 2 (Continued)

CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

928642-96-0 CAPLUS Butanedioic acid, compd. with 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:7) (CA INDEX NAME)

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 110-15-6 CMF C4 H6 O4

но₂с-сн₂-сн₂-со₂н

928642-97-1 CAPLUS Butanedioic acid, compd. with 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine, hydrate (1:7:7) (CA INDEX NAME)

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

L11 ANSWER 21 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 110-15-6 CMF C4 H6 O4

 $_{\rm HO_2C-CH_2-CH_2-CO_2H}$

928642-98-2 CAPLUS Benzeneacetic acid, α -hydroxy-, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(15)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:?) (CA INDEX

CM

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

CM 2

CRN 90-64-2 CMF C8 H8 O3

L11 ANSWER 21 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

IT 849550-05-6P 928642-92-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of crystalline forms of chloro (difluoromethylaminopropoxy) phenyltrif luoromethylethyltriazolopyrimidinamine salts)
RN 849550-05-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 928642-92-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-m-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)-, hydrochloride (1:7) (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 21 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Ρh но-сн-со2н

928642-99-3 CAPLUS
Benzeneacetic acid, a-hydroxy-, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine, hydrate (1:7:7) (CA

CM 1

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

2 CM

CRN 90-64-2

CMF C8 H8 O3

Рh | но— сн— со2 н

249648-16-6 IT

IT 249648-16-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of crystalline forms of
chloro(diffluoromethylaminopropoxy))phenyltrif
luoromethylethyltriazolopyrimidinamine salts)
RN 249648-16-6 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 21 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The present invention relates to crystalline forms of 5-chloro-6-(2,6-difluoro4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine salts; processes for the production thereof; pharmaceutical compns. thereof; and methods for inhibiting tumor growth. Thus, the triazolo[1,5-a]pyrimidin-7-amine derivative was prepared and converted to its fumarate dihydrate salt.

L11 ANSWER 22 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:175571 CAPLUS ODCUMENT NUMBER: 146:222792

146:222792

Synergistic fungicidal mixtures comprising carboxylic acid N-[2-(haloalk(enyl)oxy)phenyl]amides Gewehr, Markus; Strathmann, Siegfried; Stierl, Reinhard; Dietz, Jochen Basf Aktiengesellschaft, Germany FCT Int. Appl., 112pp.
CODEN: FIXXD2
Patent TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE MO 2007017449 A1 20070215 MO 2006-EP64988 20060802

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BK, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, BM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, RH, HR, HU, II, IL, IN, IS, JP, KE, KG, RM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
MM, MX, MZ, NA, NG, NI, NO, NZ, CM, FG, FH, FL, FT, RO, ES, RU,
SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,
US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, FL, FT, RO, SE, SI, SK, TR, BF, B7,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
CM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

RITT APPLIN. INFO::

DA12

DA12

DA12

DA12

ROD06802

KG, KZ, M PRIORITY APPLN. INFO.: DE 2005-102005037679A 20050805

> DE 2005-102005038964A 20050816 A 20060125 EP 2006-100836

OTHER SOURCE(S): MARPAT 146:222792

IT 214706-53-3D, mixts. with carboxylic acid N-[2-(haloalk(enyl)oxy)phenyl]amides
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
RN 214706-53-3 CAPLUS
(I,2,4,1]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 22 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The invention relates to synergistic fungicidal mixts. which comprise carboxylic acid-N-[2-(halogenalk(enyl)oxy)phenyl]amide derivs. I [2 = oxygen or sulfur; n = 0 or 1; Hal = halogen; Alk = Cl-C6 alkyl halide or C2-C6 alkenyl halide; Het = (un)substituted pyrazolyl, thiazolyl or pyridinyl] and at least one known fungicide selected i.a. from azoles, strobilurines, carboxamides, heterocyclic compds. and carbamates.

REFERENCE COUNT: 2 THERE ARE 2 CITEC REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

ACCESSION NUMBER:

DOCUMENT NUMBER:

ANSWER 23 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2007:175492 CAPLUS

146:222791

ENTOR(S): Symergistic fungicidal mixtures containing
1-methylpyrazol-4-ylcarboxylic acid anilides
Dietz, Jochen; Gewehr, Markus; Strathmann, Siegfried;
Stierl, Reinhard; Werner, Frank; Scherer, Maria
Basf Aktiengesellschaft, Germany
FCT INTERMENTIATION OF THE PRIXAD2

GUMGNE: German

HILY ACC. NUM. COUNT: 1 INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION.

| PATENT : | INF OR | MA II | ON: | | | | | | | | | | | | | | |
|----------|--------|-------|------|-----|-----|-----|------|------|-----|------|------|------|------|-------|-----|------|-----|
| PAT | TENT | NO. | | | KIN | _ | DATE | | | | ICAT | | | | D. | ATE | |
| | | | | | | - | | | | | | | | | - | | |
| WO. | 2007 | 0174 | 16 | | A2 | | 2007 | 0215 | , | WO 2 | 006- | EP64 | 907 | | 2 | 0060 | 801 |
| WO | 2007 | 0174 | 16 | | A3 | | 2007 | 0510 | | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KΡ, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | zw | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM, | AP, | EA, | EP, | OA | | | | | | |
| PRIORITY | / APP | LN. | INFO | . : | | | | | | DE 2 | 005- | 1020 | 0503 | 7677. | A 2 | 0050 | 805 |
| | | | | | | | | | | EP 2 | 006- | 1011 | 98 | | A 2 | 0060 | 202 |

CM 1

CRN 907204-82-4 CMF C18 H12 C1 F4 N3 O

L11 ANSWER 23 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

2

CM

214706-53-3 C17 H15 C1 F3 N5 CRN

GI

L11 ANSWER 23 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) AB Synergistic fungicidal mixts. comprise 1-methylpyrazol-4-ylcarboxylic acid

anilides I (X = 0 or S; R1 = C1-C4 alkyl or C1-C4 haloalkyl; R2 = H or halo; R3,R4,R5 = cyano, nitro, halo, C1-C4 alkyl, C1-C4 haloalkyl, C1-C4 alkosy, C1-C4 alkyl+hio) and azoles, stroblutines, carboxamides, heterocyclic compds., carbamates, or other fungicides.

L11 ANSWER 24 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:174117 CAPLUS
DOCUMENT NUMBER: 146:222788
TITLE: Control of Uredinales by synergistic mixtures of glyphosate with fungicides
INVENTOR(S): Haas, Ulrich Johannes
SOURCE: Syngenta Participations AG, Switz.
CODEN: FIXED
DOCUMENT TYPE: Pater

English

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | CENT I | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION : | NO. | | D. | ATE | |
|----------|--------|------|------|-------|-----|-----|------|------|-----|------|------|-------|-----|-----|-----|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WO | 2007 | 0172 | 56 | | A2 | | 2007 | 0215 | | WO 2 | 006- | EP 78 | 50 | | 2 | 0060 | 808 |
| WO | 2007 | 0172 | 56 | | A3 | | 2007 | 1108 | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US. | UZ. | VC. | VN. | ZA. | ZM. | ZW | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | BJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE. | LS. | MW. | MZ. | NA. | SD, | SL, | SZ. | TZ. | UG, | ZM. | ZW. | AM. | AZ. | BY, |
| | | KG. | KZ. | MD. | RU. | TJ. | TM. | AP. | EA. | EP. | OA | | | | | | |
| PRIORITY | APP | LN. | INFO | . : ` | | | · | | | US 2 | 005- | 7065 | 44P | | P 2 | 0050 | 809 |

ANSWER 24 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
The invention is directed to methods of protecting crops against attack

phytopathogenic fungi, specifically Uredinales, as well as treatment of crops infested by phytopathogenic organisms, comprising administering a combination of glyphosate or its salts or esters and at least one synergistically effective fungicide.

L11 ANSWER 25 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:173794 CAPLUS
DOCUMENT NUMBER: 146:222787
TITLE: Rust infection control in legumes by heterocyclylcarboxanilides, optionally mixed with other fungicides
INVENTOR(S): Dietz, Jochen; Stierl, Reinhard; Strathmann, Stiedfried

INVENTOR(S):
Siegfried
PATENT ASSIGNEE(S):
SOURCE: Basf Aktiengesellschaft, Germany PCT Int. Appl., 31pp. CODEN: PIXXD2 Patent English 4

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT: | ENT I | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION : | NO. | | D. | ATE | |
|----------|-------|------|------|-----|-----|-----|------|------|-----|------|------|-------|------|-------|-----|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WO : | 2007 | 0174 | 09 | | A1 | | 2007 | 0215 | | WO 2 | 006- | EP64 | 861 | | 2 | 0060 | 731 |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | ΑZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KΡ, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MΖ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | zw | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| PRIORITY | APP: | LN. | INFO | . : | | | | | | DE 2 | 005- | 1020 | 0503 | 7679. | A 2 | 0050 | 805 |

OTHER SOURCE(S):

R SOURCE(S): MARPAT 146:222787
214706-53-3D, mixts. with heterocyclylcarboxanilides
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(fungicides for rust infection control in legumes)
214706-53-3 CAPLUS
[1,2,4]Triazolc[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 25 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB A method is given for controlling rust infections in legumes by using heterocyclylcarboxanilide I (n = 0 - 4; X = CI-C4-haloalkyl; Hal = halo; Het = (un)substituted pyrazolyl, thiazolyl or pyridinyl). Optionally I is mixed with known fungicides, such as azoles, acylalanines, amine derivs., anilinopyrimidines, dicarboximides, dithiocarbamates, heterocylic compds. or phenylbyrroles.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS DESCRIPTION AND ALTERIZED FOR THIS DESCRIPTION AND ALTERIZED FOR THIS DESCRIPTION.

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

PATENT NO. KIND DATE APPLICATION NO. DE 2005-102005038964A 20050816 DE 2005-102005039785A 20050822 EP 2006-100836 A 20060125 EP 2006-114521 A 20060524

Use of arylanilides for fungicidal seed treatment

Dietz, Jochen
Basf Aktiengesellschaft, Germany
PCT Int. Appl., 46pp.
CODEN: PIXXD2

L11 ANSWER 26 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2007:172974 CAPLUS DOCUMENT NUMBER: 146:222786

English

OTHER SOURCE(S): MARPAT 146:222786 IT 214706-53-3D, mixts. with arylanilides RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicides for seed treatment) RN 214706-53-3 CAPLUS

TITLE:

TITLE: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:

DOCUMENT TYPE:

244/U6-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 26 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\underset{\text{Ar}}{\overset{Y}{\prod}}\underset{\text{NH}}{\overset{X}{\prod}} X_n$$

The invention relates to the use of arylanilides I [X = halo, Y = O or S; n = 0, 1-4; R = (halo)alkyl, (halo)alkenyl; cycloialkyl or cycloalkenyl; Ar = (un)substituted imidazolyl, thiazolyl, pyridinyl or Ph] for fungicidal seed treatment. Optionally, I is used in mixture with any of AB

a very large number of known fungicides.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 27 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:117616 CAPLUS
TITLE: 146:200212
Synergistic fungicidal mixtures based on azolopyrimidinylamines
Beck, Christine; Niedenbrueck, Matthias; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Huenger, Udo
PATENT ASSIGNEE(S): Back, Christine; Niedenbrueck, Matthias; Scherer, Huenger, Udo
PATENT ASSIGNEE(S): Back Aktiengesellschaft, Germany
PCT Int. Appl., 62pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
FAMILY ACC. NUM. COUNT: 1
FAMILY ACC. NUM. COUNT: 1
FATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA | TENT | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION : | NO. | | D. | ATE | |
|---------|--------------------------|------------|------|-----|-----|-----|------|------|-----|------|------|-------|------|-------|-----|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WC | 2007 | 0125 | 98 | | A1 | | 2007 | 0201 | | WO 2 | 006- | EP64 | 463 | | 2 | 0060 | 720 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | | KR, KZ, LA | | | | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | MW, MX, MZ | | | | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | MW, MX, M2 SC, SD, SE | | | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | zw | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| PRIORIT | Y APP | LN. | INFO | . : | | | | | | DE 2 | 005- | 1020 | 0503 | 5688. | A 2 | 0050 | 727 |

OTHER SOURCE(S): MARPAT 146:200212

[1,2,4]Triazolo[1,5-a]pyrimidine-2,7-diamine, 5-ethyl-6-octyl-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 907626-40-8 CMF C15 H26 N6

Me- (CH2)7

L11 ANSWER 27 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2 CRN 214706-53-3 CMF C17 H15 C1 F3 N5

214706-53-3D, mixts. with azolopyrimidinylamines
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL
(Biological study); USES (USES)
(synergistic fungleides for controlling plant pathogens)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

L11 ANSWER 28 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER:

DOCUMENT NUMBER:

INVENTOR(S):

APLUS COPYRIGHT 2008 ACS on STN 2007:88339 CAPLUS 146:178834
Synergistic pesticidal mixtures with nitrogen-containing component
Hughes, David John; Peace, James Edward; Riley,
Suzanns; Russell, Sally; Swanborough, Joseph John;
Jeanguenat, Andre; Renold, Peter; Hall, Roger Graham;
Loiseleur, Olivier; Trah, Stephan; Wenger, Jean
Syngenta Participations A.-G., Switz.; Syngenta
Limited
PCT Int Appl., 261pp.
CODEN: PIXXD2
Patent
English 1

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATI | I TME | NO. | | | KIN | D | DATE | | | APPL: | ICAT | I NOI | NO. | | D | ATE | |
|---------|-------|------|------|-----|-----|-----|------|------|-----|-------|------|-------|-----|-----|------|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WO 2 | 2007 | 0096 | 61 | | A2 | | 2007 | 0125 | | WO 21 | 006- | EP68 | 56 | | 21 | 0060 | 713 |
| WO 2 | 2007 | 0096 | 61 | | A3 | | 2007 | 0329 | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | BJ, |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| RIORITY | APP: | LN. | INFO | . : | | | | | | GB 21 | 005- | 1465 | 2 | 2 | A 21 | 0050 | 715 |

OTHER SOURCE(S): MARPAT 146:178834
IT 214706-53-3p, mixts. containing
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(as synergistic pesticides)
RN 214706-53-3 CAPLUS

214706-03-3 CAPLOS [1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

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PR

L11 ANSWER 27 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Fungicidal mixts. comprise azolopyrimidinylamines (I, R1 =

AB Fungicidal mixts. comprise azolopyrimidinylamines (I, R1 = (un)substituted (alkoxy)alkyl, alkenyl, cycloalkyl, Ph, Ph-alkyl, R2 = (un)substituted (halo)alkyl, alkenyl, alkoxyalkyl, R3 = H, halo, CN, OH, SH, (halo)alkyl, etc.; and A = CR3 or N) and ≥1 active component selected from azoles, strobilurins, carboxamides, heterocylic compds., carbamates, guanidines, antibiotics, sulfur-containing heterocyclyl compds., organophosphorus compds., organochlorine compds., inorg. active compds., growth retardants and cyflufenamid, cymoxamil, dimethirimol, thirimol, furalaxyl, metrafenone and spiroxamine, in synergistically effective amss.

Turalday, metautone amts.

Methods of controlling fungal pathogens using said mixts., production of

mixts., and compns. comprising these mixts. are claimed also. Thus, I

(R1 = tert-BuPh, R2 = Me, R3 = H) + cyazofamid at 16 + 4 ppm synergistically controlled Phytophthora infestans on tomato.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

(Continued) L11 ANSWER 28 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

Pesticidal compns. comprise mixts. consisting of N-containing compds.

Ι

AB Pesticial compune. Compute manner.

(e.g.,

I) and ≥1 compound selected from acaricides, anthelmintics, avicides, bactericides, biol. agents, chemosterilants, insect repellents, insecticides, etc. The compus. are applied to pests or their environment for controlling insects or representatives of the order Acarina. Also claimed is plant propagation material treated with such a composition and treatment of the site where the propagation material is planted. Thus, young soybean plants were sprayed with an aqueous emulsion comprising 400 ppm

young soymes. parameter 400 ppm of active ingredient mixture of the invention, populated with 10

optera littoralis caterpillars (in the third stage), then placed in a container. Evaluation after 3 days showed that the mixture exhibited good activity.

L11 ANSWER 29 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER:

2007:61500 CAPLUS 146:136876 Fungicidal mixtures based on 1-methylpyrazol-4-TITLE:

Yloarboxylic acid amilides Gewehr, Markus; Stierl, Reinhard; Dietz, Jochen; Mueller, Bernd; Scherer, Maria; Strathmann, INVENTOR(S):

Siegfried;

Werner, Frank; Vonend, Michael BASF Aktiengesellschaft, Germany PCT Int. Appl., 72pp. CODEN: PIXXD2 PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO.

EP 2006-100901 A 20060126

OTHER SOURCE(S):

R SOURCE(S): MARPAT 146:136876
214706-53-3D, mixts. with pyrazolylcarboxylic acid anilides
RL: AGR (Agricultural use); BIOL (Biological study); USES (USES)
(synergistic fungicides for controlling pathogenic fungi)
214706-53-3 CAPLUS
(1,2,4]Tiazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

ACCESSION NUMBER:

DOCUMENT NUMBER:

ANSWER 30 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ESSION NUMBER: 2007:34123 CAPLUS

IMENT NUMBER: 146:95047

E: Synergistic fungicidal mixtures comprising
1-methylpyrazol-4-ylcarboxanilide derivatives

Dietz, Jochen, Gewehr, Markus; Strathmann, Siegfried;
Stierl, Reinhard; Werner, Frank; Scherer, Maria
Baf Aktiengesellschaft, Germany
PCT Int. Appl., 64pp.
CODEN: PIXXD2

IMENT TYPE: German

LLY ACC NUM. COUNT: 1

1 INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATI | ENT I | NO. | | | KIN | D | DATE | | | APPL | ICAT: | ION I | NO. | | D | ATE | |
|----------|--------------------------|------|------|-----|-----|-----|------|------|-----|-------|-------|-------|------|-------|------|------|-----|
| | | | | | | _ | | | | | | | | | - | | |
| WO 2 | 2007 | 0036 | 44 | | A1 | | 2007 | 0111 | , | WO 21 | 006- | EP63: | 367 | | 21 | 0060 | 704 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | | KR, | KΖ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | MW, MX, MZ SC, SD, SE | | | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | | | |
| | RW: | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FΙ, | FR, | GB, | GR, | ΗU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | KG, KZ, MI | | | | | ΤJ, | TM | | | | | | | | | | |
| PRIORITY | APP: | LN. | INFO | . : | | | | | | DE 2 | 005- | 1020 | 0503 | 18482 | A 21 | 0050 | 706 |

EP 2006-101237 A 20060203

OTHER SOURCE(S): MARPAT 146:95047

IT 214706-53-3D, mixts. with 1-methylpyrazol-4-ylcarboxanilide derivs. 918162-21-7

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

RN 214706-53-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

918162-21-7 CAPLUS

Page 42

L11 ANSWER 29 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

Fungicidal mixts. contain, as active components in a synergistically active quantity, (1) 1-methylpyrazol-4-yl carboxylic acid anilides (I), wherein X=0, S; R1= halo, C1-4 (halo)alkyl; R2=H, halo; and R3=

CN, halo, C1-4 (halo)alkyl, C1-4 (halo)alkoxy, or C1-4 alkylthio, and (2) ≥1 active ingredient selected from azoles, strobilurins, carboxylic acid amides, heterocyclic compds., carbamates, and other functides. The invention also relates to a method for controlling pathogenic fungi using mixts. consisting of ≥1 compound I and ≥1 of the other active ingredients, to the production of such mixts., and to agents and seeds sining

aining said mixts. Thus, I (R1 = CHF2; R2 = H; R3 = CF3) + metiram at 63 + 63 mg/L synergistically controlled early blight caused by Alternaria solani on tomato.

L11 ANSWER 30 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[4'(trifluoromethyl)[1,1'-biphenyl]-2-yl]-, mixt. with
5-chloro-7-(4-methyl-1piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine
(CA INDEX NAME)

CM

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 189575-66-4 C19 H13 F6 N3 O

GI

L11 ANSWER 30 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Synergistic fungicidal mixts. comprise the 1-methylpyrazol-4ylcarboxanilide derivs. I (X = 0 or S; Rl = (halo)alkyl; R2 = H or halo)
and any of a very large number of known fungicides, such as azoles,
strobilurines, carboxamides, heterocyclic compds., carbamates, etc.

REFERENCE COUNT:

RECORD. ALL CITATIONS AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 31 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:33780 CAPLUS DOCUMENT NUMBER: 146:95046 Preparation of 3-monosubstituted pyrazolecarboxylic acid biphenyl amides for synergistic fungicide mixtures
Dietz, Jochen, Gewehr, Markus; Strathmann, Siegfried; Stierl, Reinhard; Werner, Frank; Scherer, Maria Basf Aktiengesellschaft, Germany PCT Int. Appl., 78pp.
CODEN: PIXXD2
Patent TITLE: INVENTOR(S): PATENT ASSIGNEE(S):

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | FENT | | | | KIN | _ | DATE | | | APPL: | | ION I | | | | ATE | |
|----------|-------|------|------|-----|-----|-----|------|------|-----|-------|------|-------|------|-------|------|------|-----|
| | 2007 | | | | A2 | | 2007 | | | WO 2 | | | | | | 0060 | |
| WO | 2007 | 0036 | 03 | | A3 | | 2007 | 1108 | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | ΤJ, | TM, | AP, | EA, | EP, | OA | | | | | | |
| PRIORITY | Y APP | LN. | INFO | . : | | | | | | DE 2 | 005- | 1020 | 0503 | 16682 | A 21 | 0050 | 705 |

EP 2006-2393 A 20060206

OTHER SOURCE(S): MARPAT 146:95046

IT 918160-82-4 918160-88-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(synergistic fungicide composition)

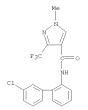
RN 918160-82-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-(3'-chloro[1,1'-biphenyl]-2-yl)-1-methyl-3
(trifluoromethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6
(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 918160-67-5 CMF C18 H13 C1 F3 N3 O

L11 ANSWER 31 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



2 CM

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

RN 918160-88-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[3'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-, mixt. with
5-chloro-7-(4-methyl-1piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine
(CA INDEX NAME)

CM 1

CRN 915039-83-7 CMF C19 H14 F5 N3 O

L11 ANSWER 31 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

2 CM

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

214706-53-3D, mixts. with pyrazolecarboxylic acid biphenyl amides RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicide compns.) 214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME) IT

L11 ANSWER 31 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The invention relates to synergistic fungicide mixts. containing 3-monosubstituted pyrazolecarboxylic acid biphenyl amides I (X = O or S; Rl = cyano, nitro, halo, Cl-C6 alkyl, Cl-C6 haloalkyl, methoxy, difluoromethoxy, trifluoromethoxy, methylthio, of difluoromethylthio; R2 = halo, Cl-C4 alkyl or Cl-C4 haloalkyl; R3 = H or halo) and any of a very large number of known fungicides, such as azoles, strobilurines, carboxylic acid amides, heterocyclic compds., carbamates, etc. The preparation of I is given. AB

L11 ANSWER 32 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

918886-31-4 CAPLUS $1 \\ H-Pyrazole-4-carboxamide, N-[3'-fluoro-5'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)-, mixt. with$

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 918886-24-5 CMF C19 H12 F7 N3 O

CM

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 32 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:33500 CAPLUS

DOCUMENT NUMBER: 146:136873
Fungicide mixtures based on 3,5-disubstituted pyrazole-carboxylic acid biphenylamides

Dietz, Jochen, Gewehr, Markus, Strathmann, Siegfried; Stierl, Reinhard; Werner, Frank; Scherer, Maria

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany

PCT Int. Appl., 89pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: PATENT

ACC. NUM. COUNT: 1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

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|---------|------------------------|-----|-----|-----|-----|------|------|-----|------|------|------|-----|-----|-----|------|-----|
| WO 2007 | 0035 | 54 | | A1 | | 2007 | 0111 | | WO 2 | 006- | EP63 | 564 | | 21 | 0060 | 629 |
| W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | C |
| | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | G |
| | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | K |
| | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | Μ |
| | KR, KZ, L MW, MX, M | | | | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | R |
| | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | U |
| | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | | | |
| RW: | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | I |
| | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | В |
| | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | G |
| | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | ΑZ, | В |
| | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |

OTHER SOURCE(S): MARPAT 146:136873

IT 214706-53-3 918886-31-4

RL AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(Fungicide mixts. based on 3,5-disubstituted pyrazole-carboxylic acid biphenylamides)

214706-53-3 CAPLUS

EP 2006-101427

A 20060208

biphenylamides) 214706-53-3 (APLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 32 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The invention relates to fungicide mixts. containing as active components at

least one type of 3,5-disubstituted pyrazol-carboxylic acid biphenylamide and at least active fungicide chosen from the group azoles; strobilurins; carboxylic acid amides; heterocyclic compds.; carbamates and other fungicides in synergistically active quantity. Also provided is a method for combating parasitic fungi by means of the mixts. described above and the use of the compound(s) for protecting seeds.

REFERENCE COUNT: 9 THERE ARE 9 CITTED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 33 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:33497 CAPLUS
DOCUMENT NUMBER: 146:121670
TITLE: Fungicide mixtures based on 2,5-disubstituted pyrazol

Fungicide mixtures based on 2,5-disubstituted pyrazol carboxylic acid biphenylamides Dietz, Jochen; Gewehr, Markus; Strathmann, Siegfried; Stierl, Reinhard; Werner, Frank; Scherer, Maria Basf Aktiengesellschaft, Germany PCT Int. Appl., 87pp. CODEN: PIXXD2 Patent German INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION : | NO. | | D. | ATE | |
|---------|------|-----|-----|-----|-----|------|------|-----|------|------|-------|-----|-----|-----|------|-----|
| | | | | | _ | | | | | | | | | _ | | |
| WO 2007 | 0035 | 40 | | A1 | | 2007 | 0111 | | WO 2 | 006- | EP63 | 624 | | 2 | 0060 | 628 |
| W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | US, | UZ, | VC, | VN, | ZA, | ZM, | zw | | | | | | | | | |
| RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | | | | | | | | | | | | | | | |

KG, KZ, MD, RU, TJ, TM PRIORITY APPLN. INFO.: DE 2005-102005030951A 20050630

EP 2006-101597 A 20060213

OTHER SOURCE(S): MARPAT 146:121670

IT 214706-53-3 91831-24-0

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (fungicide mixts. based on 2,5-disubstituted pyrazol carboxylic acid biphenylamides)

phpenylamides)
214706-533 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

(Continued) L11 ANSWER 33 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

The invention relates to fungicidal mixts. containing at least one 2,5-disubstituted pyrazol carboxylic acid biphenylamide and at least one active substance selected among azoles, strobilurins, carboxylic acid amides, heterocyclic compds., carbamates, and other fungicides, at a synergistically effective amount as active components. Also disclosed

methods for controlling harmful fungi with the aid of mixts. of two

methods for controlling marmoral ----, compds. as described above.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 33 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 918831-24-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-(2',5'-difluoro[1,1'-biphenyl]-2-yl)-1-methyl3-(trifluoromethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CRN 872121-58-9 CMF C18 H12 F5 N3 O

CM

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 34 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:33030 CAPLUS
DOCUMENT NUMBER: 146:95043
Freparation of pyrazolecarboxylic acid biphenylamide derivatives as components in synergistic fungicide mixtures
INVENTOR(S): Dietz, Jochen; Gewehr, Markus; Strathmann, Siegfried; Stierl, Reinhard; Werner, Frank; Scherer, Maria Basf Aktiengezellschaft, Germany PCT Int. Appl., 89p.
CODEN: PIXMD2
DOCUMENT TYPE: Patent German
FAMILY ACC. NUM. COUNT: 1
FAMILY ACC. NUM. COUNT: 1
FATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | rent : | | | | KIN | | DATE | | | | ICAT | | | | | ATE | |
|-------|--------------------|------|-----|-----|-----|-----|------|------|-----|------|------|------|------|-------|-----|------|-----|
| WO | 2007 | 0036 | 43 | | A1 | | 2007 | 0111 | | WO 2 | 006- | EP63 | 866 | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | ΑZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KΕ, | KG, | KM, | KN, | KΡ, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | ΜZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| EP | 1813 | 152 | | | A1 | | 2007 | 0801 | | EP 2 | 006- | 1010 | 45 | | 2 | 0060 | 130 |
| | R: AT, BE, B | | | | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LI, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | AL, |
| | | BA, | HR, | MK, | YU | | | | | | | | | | | | |
| ORITY | RITY APPLN. INFO.: | | | | | | | | | DE 2 | 005- | 1020 | 0503 | 1850. | A 2 | 0050 | 706 |

EP 2006-101045 A 20060130

OTHER SOURCE(S): MARPAT 146:95043 IT 918155-07-4 918155-09-6 918155-24-5 918155-26-7

918155-26-7
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
918155-07-4 CAPLUS
H-Pyrazole-4-carboxamide, N-[4'-chloro-3'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]-1-methyl-3-(trifluoromethyl)-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 34 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 189575-65-3 CMF C19 H12 C1 F6 N3 O

RN 918155-09-6 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(4'-cyano-3'-methoxy[1,1'-biphenyl]-2-yl)-3(difluoromethyl)-1-methyl-, mixt. with
5-chloro-7-(4-methyl-1-piperidinyl)6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX
NAME)

NAME)

CM 1

CRN 918154-99-1 CMF C20 H16 F2 N4 O2

L11 ANSWER 34 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

RN 918155-26-7 CAPLUS
CN 1H-Pyrazole-4-carboxamide, N-(3',4'-difluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-, mixt. with
5-chloro-7-(4-methyl-1-piperidinyl)6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 872121-93-2 CMF C18 H13 F4 N3 O

L11 ANSWER 34 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

RN 918155-24-5 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-(3',4'-dischlore(1,1'-biphenyl)-2-yl)-1-methyl3-(trifluoromethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

(Continued)

CM 1

CRN 872121-53-4 CMF C18 H12 C12 F3 N3 O

L11 ANSWER 34 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2

CM

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

214706-53-3D, mixts. with pyrazolecarboxylic acid biphenylamide 214706-53-3D, maxts. With pyrasoccurry, derivs.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 34 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The invention relates to synergistic fungicidal mixts. containing 3,4-disubstituted pyrazole carboxylic acid biphenylamide derivs. I (X = 0 or S; Rl, R2 = fluorine, chlorine, Me, cyano, nitro, methoxy or trifiluoromethyl; R3 = difluoromethyl or trifiluoromethyl) and known fungicides, such as azoles, strobilurins, carboxamides, heterocyclic compds., carbamates,etc.

The preparation of I is given.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 35 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2007:17003 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 146:95039

146:95039
Preparation of 2,4-disubstituted pyrazolecarboxylic acid biphenylamides as components in synergistic fungicidal mixtures
Dietz, Jochen; Gewehr, Markus; Strathmann, Siegfried;
Stierl, Reinhard; Werner, Frank; Scherer, Maria
BASF Aktiengesellachaft, Germany
PCT Int. Appl., 85pp.
CODEN: PIXXD2
Patent TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ENT | NO. | | | KIN: | D | DATE | | 2 | APPL: | ICAT: | ION I | NO. | | D | ATE | | |
|-------|------|------|------|-----|------|-----|------|------|-----|-------|-------|-------|------|------|------|------|-----|--|
| | | | | | | - | | | | | | | | | - | | | |
| WO | 2007 | 0004 | 62 | | A1 | | 2007 | 0104 | 1 | WO 21 | 006-1 | EP63 | 520 | | 21 | 0060 | 628 | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, | |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, | |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, | |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, | |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | | |
| DRITY | APP | LN. | INFO | . : | | | | | | DE 21 | 005- | 1020 | 0503 | 0790 | A 21 | 0050 | 629 | |

EP 2006-101712 A 20060215

OTHER SOURCE(S): MARPAT 146:95039 IT 214706-53-3D, mixts. with pyrazolecarboxylic acid biphenylamide

214/Ub-33-31, MIRTS. WILL Pyrasoutony, and the derivs.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

214706-53-3 CAPLUS [1,2,4]Triazolc[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 35 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Holder State (C. 4, 6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 872121-95-4 CMF C18 H13 C12 F2 N3 O

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 35 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The invention relates to synergistic fungicide mixts. of (a)

2,4-disubstituted pyrarole carboxylic acid biphenylamide derivs. I (X = oxygen or sulfur Ri, R2 = eyano, nitro, halogen, alkyl, haloalkyl, methoxy, difluoromethoxy or trifluoromethoxy R3 = halo, alkyl or halonalkyl; R4 = hydrogen or halo) and (b) any of a large number of known fungicides, such as azoles, strobilurines, carboxamides, heterocyclic compds., carbamates, etc.

REFERENCE COUNT:

9

THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 36 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2006:1356873 CAPLUS DOCUMENT NUMBER: 146:76544

TITLE:

INVENTOR(S): PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| PAT | ENT | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION I | NO. | | D | ATE | |
|----------|------|------|------|-----|-----|-----|------|------|-----|------|------|-------|-----|-----|-----|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| WO | 2006 | 1365 | 51 | | A1 | | 2006 | 1228 | | WO 2 | 006- | EP63: | 349 | | 21 | 0060 | 620 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HN, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, |
| | | KR, | KZ, | LA, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, |
| | | MW, | MX, | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RS, | RU, |
| | | SC, | SD, | SE, | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, |
| | | US, | UZ, | VC, | VN, | ZA, | ZM, | ZW | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | |
| PRIORITY | APP | LN. | INFO | . : | | | | | | EP 2 | 005- | 3561 | 10 | | A 2 | 0050 | 621 |

OTHER SOURCE(S): MARPAT 146:76544

IT 214706-53-3D, mixts. with phosphorous acid derivative and mandipropamide 424824-17-9D, mixts. with phosphorous acid derivative and mandipropamide 242824-18-0D, mixts. with phosphorous acid derivative and mandipropamide EL RGR (Agricultural use), BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

RN 214706-53-3 CAPLUS

RN 214706-53-0 (1,2-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 36 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued and a further fungicide. In addn., such combinations have a broad spectrum of activity.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 36 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

424824-18-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

AB Synergistic fungicide compns. comprise a phosphorous acid derivative (phosphonate or phosphite derivative), a mandelamide type like mandipropamid

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1331991 CAPLUS
146:251802
TITLE: Synthesis and SAR of [1,2,4]Triazolo[1,5a]pyrimidines, a Class of Anticancer Agents with a
Unique Mechanism of Tubulin Inhibition
AUTHOR(S): Zhang, Nan; Ayral-Kaloustian, Semiramis; Nguyen,
Thai:

AUTHOR(S): Zhang, Nanj Ayral-Kaloustian, Semiramis; Nguyen,
Thai;
Afragola, Jay; Hernandez, Richard; Lucas, Judy;
Gibbons, James; Beyer, Carl
CORPORATE SOURCE: Chemical and Screening Sciences, and Discovery
Oncology, Wyeth Research, Pearl River, NY, 10965, USA
SOURCE: Journal of Medicinal Chemistry (2007), 50(2), 319-327
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
Jocument Language: English
CHER SOURCE(S): CASREACT 146.251802
IT 214633-89-3P 249648-16-6P 388060-93-3P
691010-93-2P 849550-72-7P 849550-78-3P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant
or reagent)

preparation); Biol. (Blological Study); PREP (Freparation); RRC1 (Reactam or reagent)

(synthesis and SAR of [1,2,4]triazolo[1,5-a]pyrimidines as anticancer agents with a unique mechanism of tubulin inhibition)

RN 214633-89-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-C2,2,2-trifluorochenyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

249648-16-6 CAPLUS

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-M-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Corn 388060-93-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-h-[(1R)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME) (Continued)

Absolute stereochemistry.

RN 691010-93-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-difluoropheny1)-N[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-72-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, omo-N-[(1S)-2,2,2-trifluoro-1-methyl=1-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

(Continued) L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

$$H_2N$$
 (CH₂) $\frac{1}{3}$ F $\frac{1}{1}$ $\frac{1}{$

849550-11-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(eth)]methylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 849550-12-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(1pyrrolidiny1)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA
INDEX NAME)

Absolute stereochemistry.

RN 849550-13-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(1-piperidinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

849550-78-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

IT

849550-08-9P 849550-11-4P 849550-12-5P 849550-13-6P 849550-13-6P 849550-13-6P 849550-13-6P 849550-03-5P 849550-23-5P 849550-23-7P 849550-23-5P 849550-23-6P 849550-23-6P 849550-23-4P 849550-23-4P 849550-23-3P 849550-23-1P 849550-23-1P 849550-23-1P 849550-23-1P 849550-33-3P 925902-82-5P 925902-81-3P 925903-91-3P 92590

925903-01-1P 925903-09-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis and SAR of [1,2,4]triazolo[1,5-a]pyrimidines as anticancer agents with a unique mechanism of tubulin inhibition)
849550-08-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(3-aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-15-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(3-(1-azetidinyl)propoxy]-2,6-difluorophenyl]-5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-16-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2-fluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-18-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) Absolute stereochemistry.

$$\begin{array}{c} \text{Me}_2\mathbb{N} \\ \text{(CH}_2)_4 \end{array} \qquad \begin{array}{c} \text{F} \\ \text{HN} \end{array} \qquad \begin{array}{c} \text{S} \\ \text{CF}_3 \end{array}$$

849550-19-2 CAPLUS [1,7-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 849550-20-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[2-(4-morpholiny1)ethoxy]phenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 849550-21-6 CAPLUS

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-24-9 CAPLUS
1-Butanol, 4-[4-[5-chloro-7-[[(18)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

849550-25-0 CAPLUS
1,3-Propanediamine, N1-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N1,N3,N3-trimethyl- (CA INDEX NAME)

Absolute stereochemistry.

849550-26-1 CAPLUS 1,3-Fropanediamine, N3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N1,N1-dimethyl- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Co CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[[3-

(dimethylamino)propyl]thio]-2,6-difluorophenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

Absolute stereochemistry.

849550-22-7 CAPLUS Ethanol, 2-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]- (CA INDEX NAME)

849550-23-8 CAPLUS
1-Propamol, 3-[4-[5-chloro-7-[[(13)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-28-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(IS)-2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

Absolute stereochemistry.

849550-29-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-30-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-31-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

Me₂N (CH₂)3

849550-32-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

Me₂N (CH₂)4

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

NH-CH2-CF3 MeNH- (CH2) 3-0

● 7/5 HCl

925902-87-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, hydrochloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.

Me₂N (CH₂)3

●2 HCl

925902-89-2 CAPLUS [1,7-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoroethyl)-, hydrochloride (1:2) (CA INDEX NAME)

Me2N-(CH2)3-0

●2 HCl

RN 925902-94-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(4- Page 51

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 849550-36-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

925902-82-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

925902-84-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoroethyl)-, hydrochloride (5:7) (CA INDEX NAME)

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) morpholinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, hydrochloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.

●2 HC1

Absolute stereochemistry.

RN 925903-01-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(4-butoxy-2,6-diffluoropheny1)-5chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

925903-09-9 CAPLUS
1-Pentanol, 5-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

849550-05-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

RE: NCT (Reactant); SPN (synthetic preparation); PRDF (Preparation); RRCI (Reactant or reagent) (Reactant or reagent) (Synthesis and SAR of [1,2,4]triazolo[1,5-a]pyrimidines as anticancer agents with a unique mechanism of tubulin inhibition) 849550-05-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CRUDENY NAME) INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 37 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GT

A series of [1,2,4]triazolo[1,5-a]pyrimidines I [R1 = C1, Br; R2, R3 = H, Me; R4 = H, F, Me2N(CH2)3S, HO(CH2)4O, Me2N(CH2)3NH, etc.; R5 = H, F, Me2N(CH2)3O; R6 = H, F] was synthesized via aromatic nucleophilic substitution reactions using alcs. thiols or amines as nucleophiles, and the structure-activity relationship of the products as anticancer agents was evaluated. (1S)-2,2,2-Trifluoro-1-methylethylamino group or an achiral 2,2,2-trifluoroethylamino group is required at the 5-position to achieve high potency. On the Ph ring, both fluoro atoms, at the tions AB positions

ortho to the triazolopyrimidine core, are needed for optimal activity.

the position para to the triazolopyrimidine core, on the Ph ring, the

activity is achieved with an oxygen linkage followed by a three-methylene unit, and an alkylamino or a hydroxy group. The mechanism of action for this series of triazolopyrimidines was shown to be unique in that they promoted tubulin polymerization in vitro, but did not bind competitively with with paclitaxel. Instead, these compds. inhibit the binding of vincas to tubulin. Selected compds. were studied further, and it was shown that these compds. were able to overcome resistance attributed to several multidrug resistance transporter proteins. Lead compds. were shown to inhibit tumor growth in several nude mouse xenograft models, with high potency and efficacy, when dosed either orally or i.v.

REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR

L11 ANSWER 38 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2006:1311226 CAPLUS

ACCESSION NUMBER: DOCUMENT NUMBER: TITLE:

2006:1311226 CAPLUS
146:21723
Fungicidal compositions comprising a
triazolopyrimidine derivative
Gebauer, Olaf; Belinemann, Ulrich; Dahmen, Peter;
Wachendorff-Neumann, Ulriche
Bayer CropScience A.-G., Germany
PCT Int. Appl., 122pp.
CODEN: PIXXD2
Patent
German
1 INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT | KIN | D | DATE | | | APPL | ICAT | | DATE | | | | | | | |
|--------------|----------------|------|------|------|---------------------|------|------|------|------|-------|------------|-----|----------|-----|-----|-----|
| | | | | | - | | | | | | | | | - | | |
| WO 2006 | 1312 | 46 | A1 | | 2006 | 1214 | , | WO 2 | 006- | EP51: | 33 | | 20060531 | | | |
| W: | W: AE, AG, AL, | | | | ΑT, | AU, | ΑZ, | BA, | BB, | BG, | BR, | BW, | BY, | ΒZ, | CA, | CH, |
| | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | GE, GH, GM, | | | | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, | KR, |
| | KZ, LC, LK, | | | | | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, |
| | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, |
| | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, |
| | VN, | YU, | ZA, | ZM, | zw | | | | | | | | | | | |
| RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | ΗU, | IE, |
| | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | KG, | KZ, | MD, | RU, | ΤJ, | TM | | | | | | | | | | |
| DE 1020 | A1 | | 2006 | 1221 | DE 2005-10200502625 | | | | | | 20050608 | | | | | |
| PRIORITY APP | LN. | INFO | .: | | | | | | DE 2 | 52552 | A 20050608 | | | | | |

OTHER SOURCE(S): MARPAT 146:21723

K SOURCE(S): MARKAT 146:21/23

424824-17-9D, mixts. with triazolopyrimidine derivs.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(compns. comprising a triazolopyrimidine derivative)
424824-17-9 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

424824-18-0D, mixts. containing RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicidal compns.)
424824-18-0 CAPLUS

L11 ANSWER 38 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

AB Disclosed are fungicidal combinations composed of a triazolopyrimidine I [R1 = alkyl or alkenyl; R2 = H or alkyl; R3 = alkyl, CN, Br or C1; R4,

R6, R7, R8 = H, F, C1, Me or CF3] and any of a large number of known

fungicides. REFERENCE COUNT:

FORMAT

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 39 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 39 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1309488 CAPLUS

DOCUMENT NUMBER: 146:21722

Triazolopyrimidine derivatives as fungicides for controlling rust diseases in legumes

Gebauer, Olaf; Elbe, Hans-Ludwig Greul, Joerg Nico; Guth, Oliver; Gayer, Herbert; Heinemann, Urich; Herrmann, Stefan; Dahmen, Peter; Wachendoofff-Neumann, Ulrike; Wetcholowsky, Ingo; Hadano, Hiroyuki

BAyer Cropscience A.-G., Germany

FOT Int. Appl., 43pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| - | | no. | | | KIND DATE | | | | | APPL | DATE | | | | | | |
|-----------------|--------|--------------|-----|-----|-------------|------|------|------|------|------|----------|------|------|------|----------|-----|-----|
| | | 61312 | | | A2 20061214 | | | | | WO 2 | 20060526 | | | | | | |
| W | 10 200 | 061312 | A3 | | 2007 | 0823 | | | | | | | | | | | |
| | W | W: AE, AG, A | | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, | KR, |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, |
| | | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, |
| | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, |
| | | VN, | YU, | ZA, | ZM, | ZW | | | | | | | | | | | |
| | R | V: AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | BJ, |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | KG, | KZ, | MD, | RU, | TJ, | TM, | AP, | EA, | EP, | OA | | | | | | |
| DE 102005026577 | | | | | | | 2006 | 1214 | | DE 2 | 005- | 1020 | 0502 | 6577 | 20050608 | | |
| PRIORI | .: | | | | | | DE 2 | 005- | 1020 | 0502 | 6577. | A 2 | 0050 | 608 | | | |

L11 ANSWER 39 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

424824-18-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

916066-25-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-difluoro-4-(trifluoromethyl)phenyl]-7-(tetrahydro-1(2H)-pyridazinyl)- (CA INDEX

916066-26-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(tetrahydro-4,5-dimethyl-1(2H)-pyridazinyl)- (CA INDEX NAME)

L11 ANSWER 39 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

916066-27-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(tetrahydro-4-methyl-1(2H)-pyridazinyl)- (CA INDEX NAME)

916066-28-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(tetrahydro-4-methyl-1(2H)-pyridazinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

PR

L11 ANSWER 40 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1309315 CAPLUS
TITLE: 186:40241
INVENTOR(S): Stenzel, Klaus; Dollinger, Markus; Dahmen, Peter; Wachendorff-Neumann, Ulrike; Raeuser-Hahn, Isolde; Grosjean, Marie-Claire; Leroux, Marc Bernard; Sawada, Haruko; Hadano, Hiroyuki; Gouot, Jean-Marie; Scherb, Christian
PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
FOT Int. Appl., 75pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
FAMILY ACC. NUM. COUNT: 1
FATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PATENT NO. | | | | | | KIND DATE | | | | APP | LICAT | | DATE | | | | |
|------|------------|-------|-------|------|-----|-----|-----------|------|------|------|-----|-------|------|------|-------|-----|------|-----|
| | | | | | | | | | | | | | | | | - | | |
| | WO | 2006 | 1312 | 30 | | A2 | | 2006 | 1214 | | WO | 2006- | EP50 | 94 | | 2 | 0060 | 527 |
| | | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE. | GH. | GM. | HR. | HU. | ID. | IL. | IN. | IS | . JP. | KE. | KG. | KM. | KN. | KP. | KR. |
| | | | KZ. | LC. | LK. | LR. | LS. | LT. | T.U. | TAV. | LY | . MA. | MD. | MG. | MK. | MN. | MW. | MX. |
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| | | | | | | | | | | | | , MR, | | | | | | |
| | | | | | | | | | SD, | SL, | 52 | , TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | | | | | RU, | | | | | | | | | | | | |
| | DE | 1020 | 00502 | 6482 | | A1 | | 2006 | 1214 | | DE | 2005- | 1020 | 0502 | 6482 | 2 | 0050 | 609 |
| | DE | 1020 | 0502 | 6483 | | A1 | | 2006 | 1214 | | DE | 2005- | 1020 | 0502 | 6483 | 2 | 0050 | 609 |
| (101 | RITY | / API | PLN. | INFO | . : | | | | | | DE | 2005- | 1020 | 0502 | 6482. | A 2 | 0050 | 609 |
| | | | | | | | | | | | DE | 2005- | 1020 | 0502 | 6483. | A 2 | 0050 | 609 |

187233-48-3D, mixts. with herbicides 214706-53-3D,
mixts. with herbicides 249648-16-6D, mixts. with herbicides
424824-17-9D, mixts. with herbicides
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(fungicidal compns.)
187233-48-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME) IT

L11 ANSWER 39 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

NR1R2

The triazolopyrimidine derivs. I [R1 = (halo)alkyl or alkenyl; R2 = H or alkyl; R1RR2 = rimg; R3 = (halo)alkyl, alkoxy, CN, Br or Cl; R4-6 = H, F, Cl Me or CF3] are fungicides for controlling rust diseases in legumes.

(Continued)

L11 ANSWER 40 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

L11 ANSWER 40 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The invention relates to active substance combinations containing a known herbicide selected from glyphosate, glufosinate or glufosinate ammonium, on the one hand, and a known fungicide on the other, and which are well-suited for controlling phytopathogenic fungi, particularly soybean rust. The mixts. are preferably applied to transgenic plants which are resistant to the aforementioned herbicides.

| Marie | Mari DE 10200501567/ A1 20051012 DE 2005-10200501567/ 20050406
CA 2603223 A1 20061012 CA 2006-2603223 20060327
EP 1871167 A2 20080102 EP 2006-723755 20060327
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
IN 2007DN07552 A 20071109 IN 2007-DN7552 20071003
KR 2007118178 A 20071213 KR 2007-125484 20071102
RITY APPLN. INFO:: DE 2005-102005015677A 20050406 KR 2007118178 PRIORITY APPLN. INFO.:

RAIT
Bayer CropScience A.-G., Germany
PCT Int. Appl., 62pp.
CODEN: PIXXD2

APLUS COPYRIGHT 2008 ACS on STN 2006:1067023 CAPLUS 145:371270 Synergistic fungicidal compositions comprising a carboxamide derivative Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, ple

APPLICATION NO.

WO 2006-EP2778

DATE

W 20060327

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

KIND DATE

ACCESSION NUMBER: DOCUMENT NUMBER: TITLE: INVENTOR(S):

PATENT ASSIGNEE(S):

PATENT NO.

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

OTHER SOURCE(S): MARPAT 145:371270

IT 865365-17-9 911059-82-0 911059-83-1
911059-84-2 911059-85-3
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
RN 865365-17-9 CAPIUS
CN 1H-Pyrazole-4-carboxamide,
N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3(trifluoromethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM

183675-82-3 C16 H20 F3 N3 O S

RN 911059-82-0 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3(trifluoromethyl)-, mixt. with 5-chloro-N-[(1S)-2,2,2-trifluoro-1methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7amine (9C1) (CA INDEX NAME)

CM 1

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

183675-82-3 C16 H20 F3 N3 O S

RN 911059-83-1 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[2-(1,3-dimethylutyl)-3-thienyl]-1-methyl-3(trifluoromethyl)-, mixt. with 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA

CM 1

CRN 424824-17-9 CMF C16 H15 C1 F3 N5

Absolute stereochemistry.

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 183675-82-3 C16 H20 F3 N3 O S

RN 911059-84-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3(trifluoromethyl)-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

CM 2

CRN 183675-82-3 CMF C16 H20 F3 N3 O S

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 911059-85-3 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3(trifluoromethyl)-, mixt. with
5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1S)1,2,2-trimethylpropyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CRN 424824-49-7 CMF C17 H17 C1 F3 N5

Absolute stereochemistry.

CM 2

CRN 183675-82-3 CMF C16 H20 F3 N3 O S

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-48-3D, mixts. with carboxamide derivs. 214706-53-3D, mixts. with carboxamide derivs. 249648-16-6D, mixts. with carboxamide derivs. 424824-17-9D, mixts. with carboxamide derivs. 424824-17-9D, mixts. with carboxamide derivs. RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (symergistic fungicidal compns.) 187233-48-3 CAPLUS (12,2,4]Triacolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-2,2,2-trifluoro-Page 56

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

424824-49-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

GI

L11 ANSWER 41 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Synergistic fungicidal compns. comprise a carboxamide derivative I [R = Me; G =H, Me or F; R1 = h, halo or (halo)alkyl; A = (un)substituted pyrrolyl, pyrazolyl or thiazolyl] and a second fungicide.

L11 ANSWER 42 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

910789-17-2 CAPLUS 3-Azabicyclo[3.1.0] hexane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]trlazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

910789-18-3 CAPLUS 3-Azabicyclo[3.1.0]hexane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-6-methyl- (CA RN CN INDEX NAME)

910789-19-4 CAPLUS 3-Azabicyclo[3.1.0]hexane, 6,6-dichloro-3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

Page 57

L11 ANSWER 42 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2006:1011177 CAPLUS DOCUMENT NUMBER: 145:377374

TITLE:

145:377374
Preparation of triazolopyrimidine derivatives as fungicides
Wendeborn, Sebastian; Lamberth, Clemens; Nebel, Kurt;
Crowley, Patrick Jelf
Syngenta Participations A.-G., Switz.; Syngenta Limited
PCT Int. Appl., 44pp.
CODEN: PIXXD2
Patent INVENTOR(S):

PATENT ASSIGNEE(S):

SOURCE.

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| PATEN | NO. | | | KIND DATE | | | | | APPL | ICAT | DATE | | | | | | |
|---------------|-----|-----|------|-----------|-----|----------|-------|-----|------|------|------|----------|-----|-----|-----|-----|-----|
| | | | | | | | | | | | | | | | | | |
| WO 2006100038 | | | | A1 | | 20060928 | | | WO 2 | 006- | | 20060321 | | | | | |
| W | : | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, | KR, |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, |
| | | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, |
| | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, |
| | | VN, | YU, | ZA, | ZM, | zw | | | | | | | | | | | |
| R | w: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, |
| | | WO | 1277 | MTD | DIT | TT TT | TTD.4 | | | | | | | | | | |

KG, KZ, MD, RU, TJ, TM
PRIORITY APPLN. INFO.: EP 2005-6384 A 20050323

OTHER SOURCE(S): MARPAT 145:377374
IT 910789-16-1P 910789-17-2P 910789-18-3P
910789-19-4P 910789-20-7P 910789-21-8P
910789-22-9P 910789-23-0P 910789-24-1P
910789-25-2P

910789-25-2P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USBS (Uses) (preparation of triazolopyrimidine derivs. as fungicides) 910789-16-1 CAPLUS 6-0xa-3-azabicyclo[3.1.0]hexane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 42 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

910789-20-7 CAPLUS 2-Azabicyclo[3.1.0]hexane, 2-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

910789-21-8 CAPLUS 2-Azabicyclo[3.1.0]hexane, 2-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-5-methyl- (CA

INDEX NAME)

910789-22-9 CAPLUS 7-Oxa-3-azabicyclo[4.1.0]heptane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

910789-23-0 CAPLUS 3-Azabicyclo[4.1.0]heptane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 42 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

910789-24-1 CAPLUS 3-Azabicyclo[4.1.0]heptane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-7-methyl- (CA NAME)

910789-25-2 CAPLUS 3-Azabicyclo[4.1.0]heptane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-6-methyl- (CA RN CN INDEX NAME)

GT

ANSWER 43 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER:

DOCUMENT NUMBER:

NAPLUS COPYRIGHT 2008 ACS on STN 2006:1006329 CAPLUS 145:377364 Preparation of triazolopyrimidine derivatives as agrochemical fungloides Lamberth, Clemens; Wendeborn, Sebastian; Nebel, Kurt; Crowley, Patrick Jelf Syngenta Participations A.-G., Switz.; Syngenta Limited PCT Int. Appl., 41pp. CODEN: PIXXD2 Patent English 1 INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

KIND DATE DATE 100037 A1 20060928 W0 2006-EP2590 20060321
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CR, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, RM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MS, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW WO 2006100037 VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO:

EP 2005-6387

A 20050323

OTHER SOURCE(S): MARPAT 145:377364

R SOURCE(S): MARRAT 145:377364
910789-08-1P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC
(Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation);
THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT
(Reactant or reagent); USES (Uses)
(preparation of triazolopyrimidine derivs. as agrochem. fungicides)
910789-08-1 CAPLUS
8-Azableyclo[3.2.1]octan-3-ol, 8-[5-chloro-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

IT 910789-04-7P 910789-05-8P 910789-06-9P

Page 58

L11 ANSWER 42 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. represented by the formula I [wherein ring A, B = (un)substituted (hetero)cyclyl; R7 = (un)substituted (hetero)aryl; R8 = alkyl, halo or cyano; R9 = H, mercapto or alkylthic; and their agrochem usable salt form thereof] were prepared as fungicides. For example, substitution of 6-methyl-3-azabicyclo[4.1.0]heptane•HC1 (preparation

given) with 5,7-dichloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine gave II. I showed inhibition against Alternaria on tomato, Botrytis on tomato, and etc.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 43 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
910789-07-0P 910789-09-2P 910789-10-5P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); PAC (Pharmacological activity); SFN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); DSES (Uses)
(prepn. of triazolopyrimidine derivs. as agrochem. fungicides)
RN 910789-04-7 CAPLUS
CN 2-Azabicyclo[2,2.1]heptane, 2-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

910789-05-8 CAPLUS 2-Azabicyolo[2.2.1]hept-5-ene, 2-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

910789-06-9 CAPLUS 8-Azabicyclo[3.2.1]octane, 8-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

910789-07-0 CAPLUS 8-Azabicyclo[3.2.1]octane, 8-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-3-methyl- (CA

L11 ANSWER 43 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

910789-09-2 CAPLUS 8-Azabicyclo[3.2.1]octane, 8-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-3-fluoro- (CA

910789-10-5 CAPLUS 8-Azabicyclo[3.2.1]octane, 3-chloro-8-[5-chloro-6-(2,4,6-trifiuoropheny)|[1,2,4]trlazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

GI

ANSWER 44 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ESSION NUMBER: 2006:656465 CAPLUS
145:97980
ENTOR(S): Synergistic fungicidal mixtures comprising an isoxazole derivative
ENTOR(S): Gewehr, Markus; Stierl, Reinhard; Niedenbrueck, Matthias; Huenger, Udo
Barf Aktiengesellschaft, Germany
PCT Int. Appl., 38 pp.
CODEN: PIXXD2
IMENIT TYPE: STATE COUNT: STATE CONTROL COUN ACCESSION NUMBER:

DOCUMENT NUMBER:

INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. A1 WO 2006069715 2005069715 A1 20060706 W0 2005-EP13815 20051221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, EW, BY, BZ, CA, CH, CR, CQ, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HE, HU, ID, II., IN, IS, JF, KE, KG, IM, RN, KFP, KR, KZ, LC, LK, LE, LS, LT, LU, LV, LY, MA, MD, MG, MK, MM, MW, MX, MZ, NA, NG, NI, NO, NZ, CM, FG, FH, PL, FT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VIN, YU, ZA, ZM, ZW
EW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, LS, LT, LU, LV, MC, NL, FL, FT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, ME, NE, SN, TD, TG, BW, GH, CM, KE, LS, MM, MZ, NA, SN, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
2005321581 A1 20060706 AU 2005-850323 20051221 2590367 A1 20070912 EP 2005-850323 20051221 20051221 1830650 A1 20070912 EP 2005-850323 20051221 20060706 WO 2005-EP13815 20051221 AU 2005321581 CA 2590367 EP 1830650 650 A1 20070912 EE 2005-950323 20051221
AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, FL, ET, RO, SE, SI, SK, TR, AL,
BA, HR, MR, YU
87529 A 20071212 CN 2005-80044738 20051221
NN02035 A 20071009 KR 2007-N12035 20070605
099618 A 20071009 KR 2007-716618 200707020 R: CN 101087529 IN 2007KN02035 KR 2007099618 PRIORITY APPLN. INFO.: KR 2007-716618 20070720 DE 2004-102004063322A 20041223

WO 2005-EP13815

W 20051221

CM 1

CRN 847749-37-5 CMF C16 H17 C1 N2 O

L11 ANSWER 43 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

FORMAT

(Continued) L11 ANSWER 44 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

Synergistic fungicidal mixts. comprise the isoxazole derivative SYP-Z048

and
an azole, strobilurine, carboxylic acid amide, heterocyclic compound,
carbamate, guanidine, antibiotic, nitrophenyl derivative,
sulfur-containing

sulfur-containing heterocyclyl compound, organometal compound, etc.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 45 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2006:656361 CAPLUS 145:97979 145:97979
Synergistic fungicidal mixtures containing carbamate oxime ethers
Gewehr, Markus; Stierl, Reinhard; Niedenbrueck,
Matthias DOCUMENT NUMBER: TITLE: INVENTOR(S): Matthias BASF Aktiengesellschaft, Germany PCT Int. Appl., 41 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE AI 2UU/U912 EP 2005-819380 20051221
AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, HR, MK, YU R: HR, MK, Y CN 101087530 IN 2007KN02040 KR 2007089868 PRIORITY APPLN. INFO.: 20071212 CN 2005-80044739 2005121 IN 2007-KN2040 20070605 KR 2007-716620 20070720 DE 2004-102004063382A 20041223 20070810 20070903 W 20051221 WO 2005-EP13816 MARPAT 145:97979 OTHER SOURCE(S): (SOURCE(S): MARKAT 14019/9/9/ 214706-53-3D, mixts. with carbamate oxime ethers RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.) 214706-53-3 CAPLUS 214/06-05-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

ANSWER 46 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ESSION NUMBER: 2006:656177 CAPLUS
UNENT NUMBER: 145:97977
LE: Synergistic fungicidal mixtures comprising
enestroburin and a heterocyclic compound
ENTOR(S): Gewehr, Markus; Stierl, Reinhard; Niedenbrueck,
Matthias; Huenger, Udo
ENT ASSIGNEE(S): Barf Aktiengesellschaft, Germany
PCT Int. Appl., 31 pp.
CODEN: PIXXD2
UNENT TYPE: German
LLY ACC. NUM. COUNT: 1
1 ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | | | | | DATE | | | | |
|------|-------|------|------|-----|-----|-----|------|------|-----|----------------|-------|------|----------|------|-----|------|-----|--|
| | | | | | | | | | | | 2005- | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BE | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | D2 | , EC, | EE, | EG, | ES, | FI, | GB, | GD, | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KM, | KN, | KP, | KR, | |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | L | , MA, | MD, | MG, | MK, | MN, | MW, | MX, | |
| | | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PF | , PL, | PT, | RO, | RU, | SC, | SD, | SE, | |
| | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TF | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | |
| | | VN, | YU, | ZA, | ZM, | ZW | | | | | | | | | | | | |
| | RW: | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EF | , ES, | FI, | FR, | GB, | GR, | HU, | IE, | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PΊ | , RO, | SE, | SI, | SK, | TR, | BF, | BJ, | |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | MI | , MR, | NE, | SN, | TD, | TG, | BW, | GH, | |
| | | GM, | KE, | LS, | MW, | ΜZ, | NA, | SD, | SL, | SZ | , TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, | |
| | | | | MD, | | | | | | | | | | | | | | |
| ΑU | 2005 | 3215 | 65 | | A1 | | | | | | 2005- | | | | | | | |
| | 2590 | | | | | | 2006 | 0706 | | CA | 2005- | | 20051221 | | | | | |
| EP | 1830 | | | | | | | | | | 2005- | | | _ | | | | |
| | R: | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EF | , ES, | FΙ, | FR, | GB, | GR, | ΗU, | IE, | |
| | | | | | | | | | | | , PT, | | | | | | | |
| | | | | | | | | | | | 2005- | | | | | | | |
| | 2007 | | | | | | | | | | 2007- | | | | | | | |
| | | | | | | | 2007 | 0917 | | KR 2007-716641 | | | | | | | | |
| RITY | / APP | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0406 | 3321 | A 2 | 0041 | 223 | |
| | | | | | | | | | | WO | 2005- | EP13 | 780 | 1 | W 2 | 0051 | 221 | |

PR.

CRN 238410-31-6 CMF C21 H22 C1 N3 O3

L11 ANSWER 45 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Synergistic fungicidal mixts. contain carbamate oxime ethers I (X = N or CH) and at least one active substance selected from azoles, strobilurines, carboxylic acid amides, heterocylic compds., carbamates, quanidine, antibiotics, nitrophenyl derivs., heterocyclyl compds. containing sulfur, organometal compds., organophosphorus compds., organochlorine compds., inorg. active substances, cyflufenamides, cymovanil, dimethirimol, ethirimol, furalaxyl, metrafenone and spiroxamines.

REFERENCE COUNT:

6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

1.11 ANSWER 46 OF 199 CADLUS CODVETCHT 2008 ACS OF STN (Continued)

2

The invention relates to synergistic fungicidal mixts, which comprise enestroburin and a heterocyclic compound (fluazinam, pyrifenox, $\,$ AB

pyrimethanil, etc.).
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 47 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:653411 CAPLUS
DOCUMENT NUMBER: 1451-78143
TITLE: Fungicidal mixtures containing triazolopyrimidine Fungicidal mixtures containing triazolopyrimidi derivative and diethofencarb Tormo I Blasco, Jordi; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Niedenbrueck, Matthias BASF A.-G., Germany Ger. Offen., 7 pp. CODEN: GWXXBX Patent INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE A1 DE 102004060404 PRIORITY APPLN. INFO.: DE 2004-102004060404 DE 2004-102004060404 20060706 20041214 893426-22-7
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(synergistic fungicide for controlling plant pathogens)
893426-22-7 (CAPLUS)
Carbamic acid, (3,4-diethoxyphenyl)-, 1-methylethyl ester, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM

ACCESSION NUMBER:

CRN 87130-20-9

ANSWER 48 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2006:631328 CAPLUS

145:103836
ENTOR(S): Freparation and fungicidal activity of triazolopyrimidine derivatives

ENTOR(S): Nebel, Kurt; Wendeborn, Sebastian Volker; Lamberth, Clemens; Crowley, Patrick Jelf; Cederbaum, Frederik

ENT ASSIGNEE(S): Syngenta Participations AG, Switz.; Syngenta Limited PCT Int. Appl., 38 pp.

CODEN: PIXXD2

UMENT TYPE: Patent

GGAGE: English

LILY ACC. NUM. COUNT: 1 DOCUMENT NUMBER: TITLE: INVENTOR(S): PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | KIND DATE | | | | APPLICATION NO. | | | | | | | | |
|---------|------------------------|-----|-----|-----|-----|------|-----------|------|-----|------|-----------------|------|-----|----------|----------|------|-----|--|--|
| | WO 2006066873 | | | | | | 2006 | 0629 | | | | | | | 20051220 | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KN, | KP, | KR, | | |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | | |
| | | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | | |
| | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | | |
| | | VN, | YU, | ZA, | ZM, | zw | | | | | | | | | | | | | |
| | RW: | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | ΗU, | IE, | | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | | |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, | | |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, | | |
| | | KG, | KZ, | MD, | RU, | ΤJ, | TM | | | | | | | | | | | | |
| EF | 1844 | 057 | | | A1 | | 2007 | 1017 | | EP 2 | 005- | 8257 | 76 | 20051220 | | | | | |
| | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | | |
| | | IS, | IT, | LI, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR | | | |
| PRIORIT | PRIORITY APPLN. INFO.: | | | | | | | | | EP 2 | 004- | 3043 | 4 | | A 2 | 0041 | 222 | | |
| | | | | | | WO 2 | 005- | EP13 | 709 | | W 2 | 0051 | 220 | | | | | | |

OTHER SOURCE(S): CASREACT 145:103836; MARPAT 145:103836 IT 894809-64-4P 894809-67-7P Rl: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(Uses) (preparation and agricultural fungicidal activity of cyclic silyl substituted triazolopyrimidine derivs.)

RN 894809-64-4 CAPHUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methyl)silacyclohex1-y1)methyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 47 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C14 H21 N O4 (Continued)

Fungicides mixts. contain two active components - 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and diethofencarb - in synergistically effective ants. The mixts., with a weight ratio from 100:1 to 1:100, are used to control phytopathogenic fungi (e.g., Alternaria solani on tomato).

L11 ANSWER 48 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894809-67-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1-methylsilacyclopent-1-yl)methyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

GI

L11 ANSWER 48 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The present invention relates to novel silyl triazolopyrimidine derivs.,

(R1 = H, C1-6 alkyl, C1-6 haloalkyl, C2-6 alkenyl, C2-6 alkynyl,

(R1 = H, C1-6 alkyl, C1-6 maloginyl, C1-6 maloginyl, C1-6 alkyl, C1-6 alkyl, etc.; R2, R3 = H, halo, C1-6 alkyl, C1-6 haloalkyl, C1-6 alkyloxy, R2R3 = (un)substituted, (un)saturated ring, etc.; n = 1-4, m = 3-6, etc.; R4, R5 = H, C1-6 alkyl, C1-6 haloalkyl, C1-6 alkyloxy, R4R5 = (un)substituted (un)saturated ring, etc.; R6 = C1-6 alkyl, C1-6 haloalkyl, C3-6 cucloalkyl,

Cycloalkyl, C2-6 alkynyl, halo, cyano, hydroxy, C1-6 alkyloxy, etc.; R7 = (un)substituted aryl, heteroaryl, etc.; R8 = C1-6 alkyl, halo, cyano, etc.; R9 = H, mercapto, C1-3 alkylthio, etc.), as active ingredients

h have microbiocidal activity, in particular fungicidal activity. Characterizing feature is the cyclic silyl group. Thus, preparation of

[5-chloro-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-(1-methylsilolan-1-ylmethyl)amine is described in several steps starting from 1-chloromethyl-1-methylsilolane (preparation given). The agricultural

ultural fungicidal activity of prepared compds. is given.
ENCE COUNT:

3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNT:

FORMAT

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2006:630914 CAPLUS 145:83529 DOCUMENT NUMBER:

Preparation and fungicidal activity of silyl TITLE:

substituted novel triazolopyrimidine derivatives Wendeborn, Sebastian Volker; Lamberth, Clemens; INVENTOR(S):

Kurt; Crowley, Patrick Jelf; Nussbaumer, Hannes Syngenta Participations AG, Switz.; Syngenta Limited PCT Int. Appl., 39 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S):

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OTHER SOURCE(S): CASREACT 145:83529; MARPAT 145:83529

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(prepn. and agricultural fungicidal activity of silyl substituted (preph. and agricultural rungicidal activity of sliyl substitute triazolopyrimidine derivs.)

894425-04-8 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2-fluorophenyl)- (CA INDEX NAME)

(Uses)

[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894425-08-2 CAPLUS [1,2,4] Pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

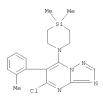
RN 894425-10-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-chloropheny1)-7-(4,4-dimethyl-1-aza4-silacyclohex-1-yl)-5-filoro- (CA INDEX NAME)

894425-12-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894425-14-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

894425-16-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyelohex-1-yl)-6-(2-methylphenyl)- (CA INDEX NAME)



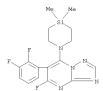
RN 894425-18-4 CAPLUS L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-methylphenyl)- (CA INDEX NAME)



894425-20-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,3-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

RN 894425-22-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,3-diffuorophenyl)-7-(4,4-dimethyl-1aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

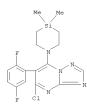


894425-24-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

RN 894425-26-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,4-difluorophenyl)-7-(4,4-dimethyl-1aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894425-28-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 894425-30-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,5-difluorophenyl)-7-(4,4-dimethyl-1aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894425-32-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

RN 894425-34-4 CAPLUS

Me Me

RN 894425-36-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,3-dichlorophenyl)-7-(4,4-dimehyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

Me Me Si Si Cl N N

RN 894425-38-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,3-dichlorophenyl)-7-(4,4-dimethyl-1aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

RN 894425-40-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

(Continued)

RN 894425-42-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,4-dichlorophenyl)-7-(4,4-dimethyl-1aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 894425-44-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

RN 894425-46-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,5-dichlorophenyl)-7-(4,4-dimethyl-1aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

Me Me Si Si N N N

RN 894425-48-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 894425-50-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,6-dichlorophenyl)-7-(4,4-dimethyl-1aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

RN 894425-52-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3-fluorophenyl)-7(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

RN 894425-54-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-3-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894425-56-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894425-58-2 CAPLUS
[1, 2, 4]Triazolo[1, 5-a]pyrimidine, 6-(2-chloro-4-fluorophenyl)-7-(4, 4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894425-68-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894425-72-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894425-74-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(3-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894425-60-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894425-62-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-5-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894425-64-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



894425-76-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

 $894425-78-6 \quad CAPLUS \\ [1,2,4] \texttt{Triazolo[1,5-a]pyrimidine}, \quad 6-(4-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-l-yl)-5-fluoro- \quad (CA INDEX NAME)$

894425-80-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(5-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

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L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 894425-82-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(5-chloro-2-fluorophenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

RN 894425-84-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4silacyclohex-1-yl)-6-[2-fluoro-3-(trifluoromethyl)phenyl]- (CA INDEX NAMF)

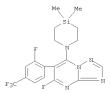
L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 894425-86-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-fluoro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 894425-88-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-[2-fluoro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

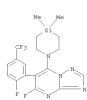
L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 894425-90-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-fluoro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 894425-94-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-fluoro-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 894425-98-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2-fluoro-6-(trifluoromethyl)phenyl]- (CA INDEX NAME)

NN 894426-00-7 CAPLUS
N [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN INDEX NAME) (Continued)

RN 894426-02-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-[2-chloro-3-(trifluoromethyl)phenyl]-7(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894426-04-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-4-(trifluoromethy1)pheny1]-7-(4,4-dimethy1-1-aza-4-silacyclohex-1-y1)- (CA

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 894426-06-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-[2-chloro-4-(trifluoromethyl)phenyl]-7(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894426-08-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-5-(trifluoromethyl)phenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NRME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 894426-10-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-[2-chloro-5-(trifluoromethyl)phenyl]-7(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894426-12-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-6-(trifluoromethyl)phenyl]-7-(4,4-dimethyl)-1-aza-4-silacyclohex-1-yl)- (CA

RN 894426-14-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-[2-chloro-6-(trifluoromethyl)phenyl]-7-

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L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro (CA INDEX NAME)

894426-16-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-[4-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

894426-18-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[4-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

894426-20-1 CAPLUS

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[4-chloro-2(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA
INDEX NAME)

894426-22-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
-chloro-2-(trifluoromethyl)phenyl]-7(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894426-24-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyolohex-1-yl)-6-(2-fluoro-3-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894426-26-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluoro-3-methylphenyl)- (CA INDEX NAME)

894426-28-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyolohex-1-yl)-6-(2-fluoro-4-methylphenyl)- (CA INDEX NAME)

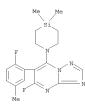
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894426-30-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluoro-4-methylphenyl)- (CA INDEX NAME)

894426-32-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2-fluoro-5-methylphenyl)- (CA INDEX NAME)

894426-34-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-l-yl)-5-fluoro-6-(2-fluoro-5-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



894426-36-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2-fluoro-6-methylphenyl)- (CA INDEX NAME)

894426-38-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2-fluoro-6-methylphenyl)- (CA INDEX NAME)

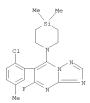
894426-40-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

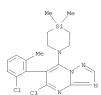
894426-42-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-3-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894426-44-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



894426-50-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)



894426-53-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894426-56-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $894426-46-1 \quad \texttt{CAPLUS} \\ [1,2,4] \texttt{Triazolo} [1,5-a] \texttt{pyrimidine}, \quad 6-(2-\texttt{chloro-4-methylphenyl}) -7-(4,4-\texttt{dimethyl-1-aza-4-silacyclohex-1-yl}) -5-\texttt{fluoro-} \quad \texttt{(CA INDEX NAME)}$

894426-47-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894426-48-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-5-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894426-59-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

894426-61-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894426-62-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(4-chloro-2-methylphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894426-63-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

894426-66-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894426-72-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluozo-6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

894426-73-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyolobex-1-yl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

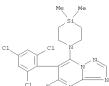
894426-75-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) RN 894426-69-8 CAPLUS CON [1,2,4]triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

894426-70-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-[2,3,6-trifluorophenyl)- (CA INDEX NAME)

894426-71-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



894426-76-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclobex-1-yl)-6-(2,3,6-trichlorophenyl)- (CA INDEX NAME)

894426-77-8 CAPLUS [1,2,4]Triazol[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-l-yl)-5-fluoro-6-(2,3,6-trichlorophenyl)- (CA INDEX NAME)

894426-79-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-6-(2,3,4-trichlorophenyl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894426-81-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(2,3,4-trichlorophenyl)- (CA INDEX NAME)

894426-82-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894426-90-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-difluoro-4-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894426-92-7 CAPLUS [1,5-a]pyrimidine, 6-[2,6-difluoro-4- (trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

894426-94-9 CAPLUS
Benzonitrile, 4-[5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continuous 894426-84-7 CAPLUS (CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,6-difluoro-4-methoxyphenyl)-7-(4,4-dimethyl)-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME) (Continued)

894426-86-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-difluoro-4-(trifluoromethoxy)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-

894426-88-1 CAPLUS [1,5-a]pyrimidine, 6-[2,6-difluoro-4-(trifluoromethoxy)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-(CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

894426-96-1 CAPLUS
Benzonitrile, 4-[7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro- (CA INDEX

RN 894426-98-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-diflouro-4-methylphenyl) - <math>7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894427-00-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,6-difluoro-4-methylphenyl)-7-(4,4-

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Contidimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME) (Continued)

894427-01-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichloro-4-methoxyphenyl)-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

RN 894427-02-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2,6-dichloro-4-methoxyphenyl)-7-(4,4dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

894427-04-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-

(Continued)

INDEX NAME)

894427-05-5

894427-05-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-[2,6-dichloro-4(trifluoromethoxy)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5fluoro- (CA INDEX NAME)

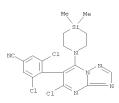
L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894427-06-6 CAPLUS [1,2-a]pyrimidine, 5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

894427-08-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-(CA INDEX NAME)

894427-10-2 CAPLUS
Benzonitrile, 3,5-dichloro-4-[5-chloro-7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



894427-12-4 CAPLUS

CN Benzonitrile, 3,5-dichloro-4-{7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

RN 894427-14-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,6-dichloro-4-methylphenyl)7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)- (CA INDEX NAME)

 $894427-16-8 \quad \text{CAPLUS} \\ [1,2,4] \\ \text{Triazolo} \\ [1,5-a] \\ \text{pyrimidine}, \quad 6-(2,6-\text{dichloro}-4-\text{methylphenyl})-7-(4,4-\text{methylphenyl}) \\ -7-(4,4-\text{methylphenyl}) \\ -7-(4,4-\text{methylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphenylphe$

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Contidimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro- (CA INDEX NAME) (Continued)

894427-18-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4,4-dimethyl-1-aza-4-silacyolohex-1-yl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

894427-19-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4,4-dimethyl-1-aza-4-silacyclohex-1-yl)-5-fluoro-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

894427-55-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4,6-trifluorophenyl)-7-(3,3,4-trimethyl-1-aza-3-silacyclopent-1-yl)- (CA INDEX NAME)

894427-56-6 CAPLUS 8-Aza-5-silaspiro[4.5]decane, 8-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

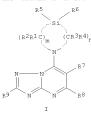
894427-49-7 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1,1-dimethyl-1-aza-3-silacyclohex-1-yl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

894427-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,3-dimethyl-1-aza-3-silacyelopent-1-yl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

894427-54-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4,6-trifluorophenyl)-7-(3,3,5-trimethyl-1-aza-3-silacyclopent-1-yl)- (CA INDEX NAME)

L11 ANSWER 49 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



The present invention relates to novel triazolopyrimidine derivs., I (R1-R4 H, halo, C1-6 alkyl, C1-6 alkyl, C1-6 alkyloxy; m, n = 2-4; RR2, R3R4 = (un)substituted ring, etc.; R5, R6 = C1-6 alkyl, C1-6 haloalkyl, C3-6 cycloalkyl, C2-6 alkenyl, C2-6 alkynyl, C1-6 alkyloxy,

(un)substituted aryl, R5R6 = (un)substituted ring, etc.; R7 = (un)substituted aryl, heteroaryl; R8 = C1-6 alkyl, halo, cyano, etc.; R9

 $\rm H,\ mercapto,\ Cl^{-3}\ alkylthio),\ as\ active\ ingredients\ which have microbiocidal\ activity,\ in\ particular\ fungicidal\ activity.\ The constraints of the$ preparation

of 5-chloro-7-(4,4-dimethyl[1,4]azasilinan-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine was prepared in several steps starting

dimethylvinylsilane. The agricultural fungicidal activity of the prepared

compds. are given.
REFERENCE COUNT: 1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 50 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2006:512967 CAPLUS DOCUMENT NUMBER: 144:482751 144:402/01 Synergistic fungicidal menadione compositions TITLE: Synergistic fungicidal menadione compositions Koehle, Harald; Stierl, Reinhard; Gold, Randall Evan; Goerth, Felix Christian; Speakman, John-Bryan; Dombo, Peter; Semar, Martin; Strobel, Dieter; Niedenbrueck, Matthias; Bestman, Hans Basf Aktiengesellschaft, Germany FCT Int. Appl., 43 pp. CODEN: PIXXD2 Patent INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

PRIORITY APPLN. INFO.: DE 2004-102004057279A 20041126

> WO 2005-EP12562 W 20051124

OTHER SOURCE(S): MARPAT 144:482751

IT 887499-69
RL: 887499-86
(synergistic fungicidal composition)

RN 887499-96-9 CAPIUS

CN 1,4-Naphthalenedione, 2-methyl-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CR INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 50 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 50 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 58-27-5

Synergistic fungicidal compns. comprise menadione and at least one agent selected from: (A) azoles, such as cyproconazole, difenoconazole, epoxiconazole, fluquinconazole, flusilazole, hexaconazole, imazalii, metoanazole, myclobutanil, penconazole, prochloraz, prothioconazole, tebuconazole, triadimefon, triadimenol, triflumizole; (B) strobilurines, such as azoxystrobin, dimoxystrobin, fluoxastrobin, pyraclostrobin, or trifloxystrobin; (C) acylalanines, such as benalaxyl, metalaxyl, metamerom, ofurace, oxadixyl; (D) amine derivs., such as spiroxamine; (E) anilinopyrimidines, such as pyrimethanil, mepanipyrim, or cyprodinil, (F) dicarboximides, such as spirodion, procymidon, vinclozolin; (G) cinnamamides and analogs, such as dimethomorph, flumetover, or flumorph; (H) dithiocarbamates, such as ferbam, nabam, maneh, metam, metiram, propineb, polycarbamate, thiram, ziram, zineb; (I) heterocylic compds., such as benomyl, boscalid, carbendazim, dithianon, famoxadone, midone,

such as Denomy1, DODALLAN, WALLER, WALLER DE SUCH AS DENOMINED AND ALBERT DE SUCH AS DE

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

L11 ANSWER 51 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:511031 CAPLUS
TITLE: Synergistic fungicidal ethaboxam compositions
TITLE: Synergistic fungicidal ethaboxam compositions
TOTMO i Blasco, Jordi; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Niedenbrueck, Matthias; Brix, Horst Dieter; Gewehr, Markus; Beck, Christine
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
PCT Int. Appl., 38 pp.
COODN: PIXXD2
DOCUMENT TYPE: Datent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:

| | ENT I | | | | | | | | | | | | | | | | | | | |
|----|---|------|-----|-----|-------------|-----------------|------|------|----------------|----------------|------|------|-----|------|-------|----------|------|-----|--|--|
| | 2006 | | | | | | | | | | | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , B | 3, E | BR, | BW, | BY, | BZ, | CA, | CH, | | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , E | , E | Œ, | EG, | ES, | FI, | GB, | GD, | | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , J | , в | Œ, | KG, | KM, | KN, | KP, | KR, | | |
| | | KZ, | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY | , M | , M | ıD, | MG, | MK, | MN, | MW, | MX, | | |
| | | MZ, | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH | , PI | , F | T, | RO, | RU, | SC, | SD, | SE, | | |
| | | SG, | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TF | , T | г, т | z, | UA, | UG, | US, | UZ, | VC, | | |
| | | VN, | YU, | ZA, | ZM, | ZW | | | | | | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EF | , E: | 5, F | ì, | FR, | GB, | GR, | HU, | IE, | | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PI | , RO |), s | ΞE, | SI, | SK, | TR, | BF, | ВJ, | | |
| | | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | MI | , M | R, N | ΙE, | SN, | TD, | TG, | BW, | GH, | | |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ | , T | ί, τ | ΙG, | ZM, | ZW, | AM, | AZ, | BY, | | |
| | | | | | RU, | | | | | | | | | | | | | | | |
| AU | 2005 | 3089 | 46 | | A1 | | 2006 | 0601 | | AU | 2005 | -30 | 189 | 46 | | 2 | 0051 | 123 | | |
| CA | 2586 | 441 | | | A1 | CA 2005-2586441 | | | | | | | 2 | 0051 | 123 | | | | | |
| EP | 1816 | 914 | | | A1 20070815 | | | | | EP 2005-811186 | | | | | | 20051123 | | | | |
| | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EF | , E: | 5, F | ì, | FR, | GB, | GR, | HU, | IE, | | |
| | | IS, | IT, | LI, | LT, | LU, | LV, | MC, | NL, | PL | , P. | Г, Б | ю, | SE, | SI, | SK, | TR, | HR, | | |
| | | MK, | YU | | | | | | | | | | | | | | | | | |
| CN | 1010 | 8501 | 7 | | A | | 2007 | 1031 | | CN | 2005 | -80 | 104 | 0465 | | 2 | 0051 | 123 | | |
| IN | 2007 | KN01 | 845 | | A | | 2007 | 0810 | | IN | 200 | 7-KN | 118 | 45 | | 2 | 0070 | 523 | | |
| KR | 2007 | 0865 | 84 | | A | | 2007 | 0827 | KR 2007-714305 | | | | | | | 2 | 0070 | 622 | | |
| | IS, IT, I MK, YU CN 101065017 IN 2007KN01845 | | | | | | | | | | | | | | 70 70 | | | | | |
| | | | | | | | | | | DE | 200 | 1-10 | 201 | 0405 | 85852 | A 2 | 0041 | 203 | | |
| | | | | | | | | | | | | | | | | | | | | |

887479-08-5
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
887479-08-5 CAPLUS
5-Thiazolecarboxamide, N-(cyano-2-thienylmethyl)-4-ethyl-2-(ethylamino)-,
mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

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L11 ANSWER 51 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CRN 162650-77-3

AB Synergistic fungicidal compns. comprise ethaboxam and dithiocarbamates such as maneb, mancozeb, metam or metiram, sulfenic acid derivs. such as captan or folpet, strobilurin derivs. such as kresoxim-Me or pyraclostrobin, cinnanic acid amides and analogs such as dimethomorph or flumorph, or dithianon, famoxadone, cymoxanil, fluazinam, zoxamide, mefenoxam or chlorothalonil,

N-(2-[4-[3-(4-chlor-phenyl)-prop-2-inyloxy]-3-methoxy-phenyl)-ethyl)-2-methansulfonylamino-3-methyl-butyramid,
N-(2-[4-[3-(4-chlor-phenyl)-prop-2-inyloxy]-3-methoxy-phenyl)-ethyl)-2-methansulfonylamino-3-methyl-butyramid or

5-chlor-7-(4-methyl-piperidin-1-1,2,4]triazolo[1,5-a]pyrimidine.
REFERENCE COUNT:
6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 52 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

875571-11-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-piperidiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

GI

A method of controlling phytopathogenic diseases on useful plants or on plant propagation material comprises applying a pyridine derivative I

(R1 = alkyl, alkoxyalkyl or haloalkyl) or a I tautomer, in a mixts. with any of a very large number of known fungicides and/or insecticides.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 52 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2006:343286 CAPLUS DOCUMENT NUMBER: 144:364542

TITLE:

144:364542
Synergistic fungicidal compositions comprising a pyridine derivative
Walter, Harald; Corsi, Camilla; Ehrendfreund, Josef;
Lamberth, Clemens; Tobler, Hans
Syngenta Participations A.-G., Switz.
PCT Int. Appl., 112 pp.
CODEN: PIXD2
Patent
English INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| PAT | PATENT NO. | | | | | | KIND DATE | | | APPL | ICAT | DATE | | | | | | | |
|----------|---------------------|------|-----|-----|-------------|-----|-----------|-----|------|------|------|----------|-----|-----|------|------|-----|--|--|
| | | | | | | - | | | | | | | | | | | | | |
| WO | 2006 | 0376 | 33 | | A1 20060413 | | | | WO 2 | 005- | | 20051006 | | | | | | | |
| | W: AE, AG, | | | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KP, | KR, | KZ, | | |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | LY, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | | |
| | | NA, | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | | |
| | | SK, | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | | |
| | | YU, | ZA, | ZM, | ZW | | | | | | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | BJ, | | |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, | | |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, | | |
| | | KG, | KZ, | MD, | RU, | TJ, | TM | | | | | | | | | | | | |
| PRIORITY | ORITY APPLN. INFO.: | | | | | | | | | GB 2 | 004- | 2239 | 9 | 1 | A 21 | 0041 | 800 | | |

OTHER SOURCE(S): MARPAT 144:364542
IT 214706-53-3D, mixts. with pyridine derivs. 875571-11-2D,
derivs., mixts. with pyridine derivs.
R1: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
RN 214706-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl) - (CA INDEX NAME)

L11 ANSWER 53 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:342999 CAPLUS
DOUMENT NUMBER: 144:364541
INTILE: Synergistic fungicidal compositions comprising a pyrazole derivative
Walter, Harald; Corsi, Camilla; Ehrenfreund, Josef; Lamberth, Clemens; Tobler, Hans
SOURCE: Syngenta Participations A.-G., Switz.
PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DOUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| WO 2006037634 | | | | | A1 20060413 | | | | WO 2005-EP10757 | | | | | | | 20051006 | | | |
|---------------|------|------|------|-----|-------------|-----|------|------|-----------------|------|-------|------|------|-----|-----|----------|------|--|--|
| | | | | | | | | | | | BG. | | | | | | | | |
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| | | | | | | | | | | | MD, | | | | | | | | |
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| | | | ZA. | | | 10, | , | 1117 | | , | 12, | ···, | 00, | 00, | 02, | , | **** | | |
| | RW: | | | | | CY. | CZ. | DE. | DK. | EE. | ES, | FI. | FR. | GB. | GR. | HU. | IE. | | |
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| | | | | | | | | | | | TZ, | | | | | | | | |
| | | | KZ, | | | | | | | | | | | | | | | | |
| AU | 2005 | 2914 | 25 | | A1 | | 2006 | 0413 | | AU 2 | 005- | 2914 | 25 | | 2 | 0051 | 006 | | |
| CA | 2579 | 925 | | | A1 | | 2006 | 0413 | | CA 2 | 2005- | 2579 | 925 | | 2 | 0051 | 006 | | |
| EP | 1796 | 464 | | | A1 | | 2007 | 0620 | | EP 2 | 2005- | 7895 | 39 | | 2 | 0051 | 006 | | |
| | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | | |
| | | IS, | IT, | LI, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR | | | |
| | 1010 | | | | | | | | | CN 2 | 005- | 8003 | 9732 | | 2 | 0051 | 006 | | |
| IN | 2007 | DNO2 | 204 | | A | | 2007 | 0803 | | IN 2 | 2007- | DN22 | 0.4 | | 2 | 0070 | 321 | | |
| KR | 2007 | 1012 | 25 | | A | | 2007 | 1016 | | KR 2 | 2007- | 7079 | 91 | | 2 | 0070 | 406 | | |
| ORITY | APP: | LN. | INFO | . : | | | | | | GB 2 | 004- | 2240 | 0 | | A 2 | 0041 | 800 | | |
| | | | | | | | | | | | | | | | | | | | |

L11 ANSWER 53 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

Synergistic fungicidal compns. comprise a pyrazole derivative I (Rl = difluoromethyl) or trifluoromethyl, R2 = alkyl, alkoxyalkyl or haloalkyl) or a I tautomer and any of a very large number of known fungicides and/or and a compression of the compression of t insecticides.

REFERENCE COUNT:

THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

(Continued)

FORMAT

| WO | 2006 | 0271 | 70 | | A1 | | 2006 | 0316 | | WO 2 | 005- | EP94 | 56 | | 2 | 0050 | 902 |
|----------|-------|------|------|-----|-----|-----|------|------|-----|------|------|------|------|-------|-----|------|-----|
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KP, | KR, | KZ, |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, |
| | | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, |
| | | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, |
| | | ZA, | ZM, | ZW | | | | | | | | | | | | | |
| | RW: | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | ΙT, | LT, | LU, | LV, | MC, | NL, | PL, | PΤ, | RO, | SE, | SI, | SK, | TR, | BF, | ΒJ, |
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| | | | | | RU, | | | | | | | | | | | | |
| | 2005 | | 82 | | A1 | | | 0316 | | | | | | | | 0050 | |
| | 2577 | | | | A1 | | 2006 | 0316 | | | 005- | | | | | 0050 | |
| EP | 1797 | | | | A1 | | | 0620 | | | 005- | | | | | 0050 | |
| | R: | | | | | | | DE, | | | | | | | | | |
| | | | | LI, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | AL, |
| | | HR, | | | | | | | | | | | | | | | |
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L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

KIND DATE

2006:238710 CAPLUS 144:292778

LANGE TO CAPPLUS

L'ALTERNATION OF G-phenyl-7-aminotriazolopyrimides as agrochemical fungicides

Blettner, Carsten; Tormo, I. Blasco Jordi; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilos; Grote, Thomas; Huenger, Udo; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Dietz, Jochen; Speakman, John-Bryan; Jabs, Thorsten; Strathmann, Siegfried; Schoefl, Ulrich; Scherer, Maria; Stierl, Reinhard
Basf Aktiengesellschaft, Germany
PCT Int. Appl., 88 pp.
CODEN: PIXXD2
PAtent

German

1

APPLICATION NO.

WO 2005-EP9456 W 20050902

MARPAT 144:292778 OTHER SOURCE(S):

ACCESSION NUMBER:

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO.

DOCUMENT NUMBER: TITLE: INVENTOR(S):

R SOURCE(S): MARPAT 144:292778 879208-84-1P RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or rea

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 879208-84-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(methoxymethyl)propyl)-6-(2,4,6-trifluorophenyl)- (CA (CA INDEX NAME)

F C1 N 187209-1987209-85-2P 879208-86-3P 879208-86-3P 879208-86-3P 879208-87-4P 879208-88-5P 879208-86-6P 879208-80-4P 879208-89-10P 879208-81-10P 879208-81-10P 879208-93-2P 879208-93-10P 879208-93-1P 879208-93-2P 879208-93-3P 879208-93-3P 879208-94-3P 879209-26-6P 879209-05-9P 879209-06-2P 879209-11-17P 879209-14-0P 879209-16-2P 879209-11-17P 879209-14-0P 879209-16-2P 879209-14-0P 879209-11-17P 879209-28-6P 879209-26-4P 879209-28-6P 879209-26-4P 879209-28-6P 879209-26-4P 879209-38-6P 879209-36-6P 879209-31-1P 879209-34-4P 879209-36-6P 879209-33-3P 879209-34-4P 879209-34-3P 879209-34-4P 879209-34-3P 879209-34-3P 879209-34-3P 879209-34-3P 879209-34-3P 879209-34-3P 879209-34-3P 879209-34-3P 879209-34-5P 879209-34-5P 879209-35-1P 879209-35-1P 879209-35-1P 879209-51-5P 879209-55-9P 879209-56-0P 879209-56-9P 879209-56-9P 879209-56-9P 879209-56-3P 879209-56-3P 879209-56-3P 879209-66-3P 879209-56-4P 879209-66-4P 879209-56-4P 879209-66-4P 879209-66-4P 879209-86-4P 879209-66-4P 879209-66-4P 879209-66-4P 879209-66-4P 879209-66-4P 879209-66-4P 879209-97-9P 879200-98-9P 879200-98-9P 879200-98-8P 879200-98-8P 879200-98-9P 879200-98-9P 879210-03-6-4P 879210-03-6-4P 879210-03-6-4P 879210-03-6-4P 879210-03-6-4P 879210-03-6-4P 879210-03-6-4P 879210-03-6-4P 879210-23-8P 879210-03-6-4P 879210-23-8P 879

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
879210-31-8P 879210-33-0P 879210-35-2P
879210-39-6P 879210-49-8P 879210-41-0P
879210-43-2P 879210-45-4P 879210-46-5P
879210-47-6P 879210-48-7P 879210-49-8P
879210-50-1P 879210-51-2P 879210-52-3P
879210-53-4P 879210-51-2P 879210-55-6P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES USES (Uses) (prepn. of phenylaminotriazolopyrimides as agrochem. fungicides) 872863-76-8 CAPLUS Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3-methyl-, methyl ester (CA INDEX NAME)

872863-77-9 CAPLUS
Alanine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3,3,3-trifluoro- (CA INDEX NAME)

879208-85-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(ethoxymethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879208-86-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-ethoxy-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 879208-87-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(1,1-dimethylethoxy)-1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX

RN 879208-88-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-methyl-2-(2-methylpropoxy)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879208-92-1 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-methoxyphenyl)-N-[1-(ethoxymethyl)propyl]- (CA INDEX NAME)

RN 879208-93-2 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl- (CA INDEX NAME)

RN 879208-94-3 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879208-89-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methyl-2-propoxyethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 879208-90-9 CAPLUS
CN [1,2,4]Ttiazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1(methoxymethyl)propyl]-N-methyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 879208-91-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[1-(ethoxymethyl)propyl]- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879208-95-4 CAPLUS CN Benzeneethanol, β -[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo [1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 879208-96-5 CAPLUS
CN 1-Propanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 879208-99-8 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethyl- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-02-6 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 879209-05-9 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-2-methyl- (CA INDEX NAME)

RN 879209-08-2 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluoropheny1) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9C1) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-18-4 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5a]pyrimidin-7-yl]amino]-3-methyl-, propanoate (ester) (9CI) (CA INDEX NAME)

RN 879209-20-8 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methylbutyl ester (CA INDEX NAME)

RN 879209-22-0 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-11-7 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

RN 879209-14-0 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]butyl ester
(CA INDEX NAME)

RN 879209-16-2 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-23-1 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

RN 879209-24-2 CAPLUS CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-

trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1-methylpropyl ester (CA INDEX NAME)

RN 879209-25-3 CAPLUS CN Benzeneethanol, β -[[5-chloro-6-(2,4,6-trifluorophenyl)][1,2,4]triazolo [1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-26-4 CAPLUS CN Benzeneethanol, β -[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo [1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9C1) (CA INDEX NAME)

$$\begin{array}{c} \text{Ph} & \circlearrowleft \\ \text{F} & \text{NH-CH-CH}_2\text{-}\text{O-C-Et} \\ \\ \text{N} & \text{N} & \text{N} \\ \end{array}$$

RN 879209-28-6 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]amino]-2-phenylethyl ester (CA INDEX NAME)

RN 879209-30-0 CAPLUS
CN 1-Propanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-38-8 CAPLUS
CN 1-Pentanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 879209-39-9 CAPLUS
CN 1-Pentanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

RN 879209-40-2 CAPLUS CN 1-Pentanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME) L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

NN 879209-32-2 CAPLUS
N 1-Propanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

RN 879209-34-4 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]propyl ester
(CA INDEX NAME)

RN 879209-36-6 CAPLUS
CN Benzenemethanol, α-[1-[[5-chloro-6-{2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]ethyl]- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-41-3 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]pentyl ester
(CA INDEX NAME)

RN 879209-42-4 CAPLUS
CN 1-Pentanol, 2-[[5-chloro-6-(2-chloro-6-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 879209-43-5 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2-chloro-6-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-44-6 CAPLUS 2-Butanol, 3-[[5-chloro-6-(2-chloro-6-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

879209-45-7 CAPLUS
2-Butanol, 3-[[5-chloro-6-(2-chloro-6-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-2-methyl- (CA INDEX NAME)

879209-46-8 CAPLUS
1-Propanol, 2-[[5-chloro-6-(2-chloro-6-methoxyphenyl)]1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-47-9 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

879209-48-0 CAPLUS
1-Pentanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

879209-49-1 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-50-4 CAPLUS 2-Butanol, 3-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

879209-51-5 CAPLUS 2-Butanol, 3-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-2-methyl- (CA INDEX NAME)

879209-52-6 CAPLUS 1-Propanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-53-7 CAPLUS 1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]amino]- (CA INDEX NAME)

879209-54-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-methyl-2-(propylthio)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

879209-55-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-[(ethylthio)methyl]propyl]-6-(2,4,6-triflworophenyl)- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-56-0 CAPLUS
2-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-2-methyl-, acetate (ester) (9CI) (CA INDEX NAME)

879209-57-1 CAPLUS
2-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimiddin-7-yl]amino]-2-methyl-, propanoate (ester) (9CI) (CA INDEX NAME)

879209-58-2 CAPLUS

879209-59-3 CAPLUS
Propanoic acid, 2-chloro-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]propyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continue CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1,1-dimethylpropyl ester (CA INDEX NAME)

(Continued)

879209-60-6 CAPLUS
Propanoic acid, 2-chloro-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methylbutyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-61-7 CAPLUS
Acetic acid, difluoro-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]amino]-3-methylbutyl
ester (9CI) (CA INDEX NAME)

879209-62-8 CAPLUS
Butanoic acid, 3-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methylbutylester (CA INDEX NAME)

879209-63-9 CAPLUS 2-Propenoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methylbutyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-64-0 CAPLUS Butanoic acid, 3-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]propyl ester (CA INDEX NAME)

879209-65-1 CAPLUS
2-Propenoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]propyl ester (CA INDEX NAME)

879209-66-2 CAPLUS
Propanoic acid, 2-chloro-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)(1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1,1-dimethylpropyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-67-3 CAPLUS
CN Acetic acid, difluoro-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1,1-dimethylpropyl ester (9CI) (CA INDEX NAME)

RN 879209-68-4 CAPLUS
CN Butanoic acid, 3-methyl-, 2-[[5-chloro-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1,1dimethylpropyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-69-5 CAPLUS
CN 2-Propenoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1,1-dimethylpropyl ester (CA INDEX NAME)

RN 879209-70-8 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethyl-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-71-9 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethyl-, propanoate (ester) (9CI) (CA INDEX NAME)

RN 879209-72-0 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluoropheny)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (CA INDEX NAME)

RN 879209-73-1 CAPLUS CN Propanoic acid, 2-chloro-, 2-[[5-chloro-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3dimethylbutyl ester (CA INDEX NAME) L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-74-2 CAPLUS
CN Acetic acid, difluoro-, 2-[[5-chloro-6-(2,4,6-trifluoropheny)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (9CI) (CA INDEX NAME)

RN 879209-75-3 CAPLUS
CN Butanoic acid, 3-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (CA INDEX NAME)

EN 879209-76-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(ethylthio)-1-methylpropyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-77-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-methyl-2-(methylthio)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 879209-78-6 CAPLUS
CN 1-Pentanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9C1) (CA INDEX NAME)

RN 879209-79-7 CAPLUS
CN 1-Pentanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN 1-Butanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, propanoate (ester) (9CI) (CA INDEX NAME)

RN 879209-83-3 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methylbutyl ester (CA INDEX NAME)

RN 879209-84-4 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9C1) (CA INDEX NAME)

RN 879209-85-5 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2-chloro-4-methoxyphenyl)]1,2,4]triazolo[1,5-

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 879209-80-0 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]pentyl ester
(CA

INDEX NAME)

RN 879209-81-1 CAPLUS
CN 1-Butanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, acetate (ester) (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{CH}_2-\text{OA} \\ \text{NH}-\text{CH}-\text{Pr}-\\ \text{N} \\ \text{N} \\ \text{C1} \end{array}$$

RN 879209-82-2 CAPLUS

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

RN 879209-86-6 CAPLUS
CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-4methoxyphenyl)](1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1-methylpropyl
ester (CA INDEX NAME)

RN 879209-87-7 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-2-methyl-, acetate (ester) (9CI) (CA INDEX NAME)

RN 879209-88-8 CAPLUS
CN 2-Butanol, 3-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-2-methyl-, propanoate (ester) (9CI) (CA INDEX

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L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-89-9 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-4-methoxypheny)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1,1-dimethylpropyl ester (CA INDEX NAME)

879209-90-2 CAPLUS
1-Propanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-94-6 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

879209-95-7 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]butyl ester (CA INDEX NAME)

879209-96-8 CAPLUS 1-Pentanol, 2-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9C1) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-91-3 CAPLUS
1-Propanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

RN CN

879209-92-4 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]propyl ester (CA

879209-93-5 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879209-97-9 CAPLUS 1-Pentanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]mmino]-, propanoate (ester) (9C1) (CA INDEX NAME)

879209-98-0 CAPLUS

0/320-30-0 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]pentyl ester (CA INDEX NAME)

879209-99-1 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Aco-CH2 i-Pr-CH-

879210-00-1 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, propanoate (ester) (9CI) (CA INDEX NAME)

879210-01-2 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methylbutylester (CA INDEX NAME)

RN 879210-02-3 CAPLUS

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-05-6 CAPLUS 2-Butanol, 3-[5-chloro-6-(2-chloro-6-fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, acetate (ester) (9CI) (CA INDEX NAME)

879210-06-7 CAPLUS
2-Butanol, 3-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrinidin-7-yl]amino]-3-methyl-, propanoate (ester) (9CI) (CA INDEX NAME)

879210-07-8 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1,2-dimethylpropyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN 2-Butanol, 3-[[5-chloro-6-(2-chloro-6-fluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

AcO Me | | Me-CH-CH-

879210-03-4 CAPLUS
2-Butanol, 3-[[5-chloro-6-(2-chloro-6-fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

879210-04-5 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-1-methylpropyl ester (CA INDEX NAME)

ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 879210-08-9 CAPLUS
1-Propanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

Aco-Ch2-CH-NH

879210-09-0 CAPLUS
1-Propanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

879210-10-3 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]propyl ester (CA INDEX NAME)

879210-11-4 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Aco-CH2 Et-CH-NH

879210-12-5 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

E+-CH-NH Cl

0.72c10-13-6 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-6-fluoropheny)] [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]butyl ester (CAINDEX NAME)

879210-14-7 CAPLUS Acetic acid, difluoro-, 2-[[5-chloro-6-(2,4,6-

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-18-1 CAPLUS
Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triarolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (CA INDEX NAME)

879210-19-2 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethyl-, propanoate (ester) (SCI) (CA CN INDEX

NAME)

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L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]butyl ester (9C1) (CA INDEX NAME)

879210-15-8 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethyl- (CA INDEX NAME)

СН2-ОН

879210-16-9 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]amino]-3,3-dimethyl- (CA INDEX NAME)

но-сн2 t-Bu-CH-NH

879210-17-0 CAPLUS
1-Butanol, 2-[(5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyximidin-7-y1]amino]-3,3-dimethyl-, propanoate (ester) (9CI) (CA INDEX

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) RN 879210-20-5 CAPLUS CN Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2-chloro-6-

| i-Pr-C-O-CH2 t-Bu-CH-NH

879210-21-6 CAPLUS
2-Propenoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (CA INDEX NAME)

RN 879210-22-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-methyl-N-[1-(3-methyl5-isoxazolidinyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-23-8 CAPLUS
1-Pentanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, acetate (ester) (9CI) (CA INDEX NAME)

879210-24-9 CAPLUS
1-Pentanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl-, propanoate (ester) (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-28-3 CAPLUS Butanoic acid, 3-methyl-, 2-[[5-chloro-6-(2,4,6-

879210-29-4 CAPLUS
1-Pentanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl- (CA INDEX NAME)

ме Сн2-Он CH CH NH Et-

879210-30-7 CAPLUS
1-Butanol, 2-[[5-methoxy-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethyl- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-25-0 CAPLUS

Propanoic acid, 2-methyl-, 2-[[5-chloro-6-(2,4,6-

879210-26-1 CAPLUS Propanoic acid, 2-chloro-, 2-[[5-chloro-6-(2,4,6-

879210-27-2 CAPLUS Acetic acid, difluoro-, 2-[[5-chloro-6-(2,4,6-

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-31-8 CAPLUS 1-Pentanol, 2-[[5-methoxy-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl- (CA INDEX NAME)

ме СH2-ОН

879210-33-0 CAPLUS
1-Pentanol, 2-[[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl- (CA INDEX NAME)

сн2−он Et-CH-CH-

879210-35-2 CAPLUS 1-Pentanol, 2-[[5-chloro-6-(2-chloro-4-methoxypheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3-methyl- (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

ме Сн2-он

879210-39-6 CAPLUS
Carbonic acid, 2-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl methyl ester (CA INDEX NAME)

879210-40-9 CAPLUS Carbamic acid, dimethyl-, 2-[[5-chloro-6-(2,4,6-triflworophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (9CI) (CA INDEX NAME)

879210-41-0 CAPLUS
1-Butanol, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethyl-, methanesulfonate (ester) (9CI)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-46-5 CAPLUS
Carbonic acid, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl 2,2,2-trichloroethyl ester (CAIMDEX NAME)

879210-47-6 CAPLUS
Carbonic acid, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl propyl ester (CA INDEX NAME)

879210-48-7 CAPLUS
4-Morpholinecarboxylic acid, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)(1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) INDEX NAME)

RN 879210-43-2 CAPLUS
CN Cyclopropanemethanol,
1-[[5-chloro-6-(2,4,6-trifiluorophenyl)[1,2,4]triazol
o[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

¥—сн2−он

879210-45-4 CAPLUS

O/SZLO-4)-4 CAFLUS
CN Carbonic acid, butyl
2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo
[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (9CI) (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-49-8 CAPLUS
Carbonic acid, 2-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ethyl ester (CA INDEX NAME)

879210-50-1 CAPLUS
1-Fiperidinecarboxylic acid, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (CA INDEX NAME)

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-51-2 CAPLUS
Carbamic acid, bis(1-methylpropyl)-, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-3,3-dimethylbutyl ester (9CI) (CA INDEX NAME)

879210-52-3 CAPLUS
1-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

(Continued) L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

Title compds. I [X = CR2R3CR4R5(CR6R7)pYZ; R1 = H, alkyl, haloalkyl,

R2 = alkyl, haloalkyl, cycloalkyl, etc.; R3, R4, R5, R6, R7 = H, R2; L = (L')m; L' = halo, alkyl, haloalkyl, etc.; R8 = halo, CN, alkyl, etc.; Y = S, O; Z = H, alkyl, haloalkyl, etc.] were prepared For example, condensation of 2-aminobutan-1-ol and dichloropyrimidine II afforded aminotriazolopyrimide III. In alternaria solani tomato assays, compds. I at 250 ppm, exhibited 85% protection after 5-days.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 54 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

879210-53-4 CAPLUS
1-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, acetate (ester) (9CI) (CA INDEX NAME)

879210-54-5 CAPLUS
1-Butanol, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, propanoate (ester) (9CI) (CA INDEX NAME)

879210-55-6 CAPLUS
Propanoic acid, 2-methyl-, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]butyl ester (CA INDEX NAME)

L11 ANSWER 55 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:151202 CAPLUS
TITLE: 2006:151202 CAPLUS
TITLE: 2006:151202 CAPLUS
Synergistic fungicidal compositions comprising pyrazole derivatives
Walter, Harald; Newenschwander, Urs; Zeun, Ronald; Ehrenfreund, Josef; Tobler, Hans; Corsi, Camilla; Lamberth, Clemens
SOURCE: PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
FOT Int. Appl., 104 pp.
COEDEN FIXXD2
DOCUMENT TYPE: DANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
FAMILY ACC. NUM. COUNT: 1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ENT | NO. | | | | | | | | | ICAT | | | | | ATE | | |
|------|------|-------|------|-----|-------------|-----|------|------|----------------|-------|------|---------|------|----------|------|------|-------|--|
| WO | 2006 | 0158 | 55 | | | | | | | | | | | | | 0050 | 811 | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KP, | KR, | KZ, | |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | |
| | | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | |
| | | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | |
| | | ZA, | ZM, | zw | | | | | | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | |
| | | IS, | IT, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | |
| | | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG, | BW, | GH, | |
| | | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | BY, | |
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| EP | 1778 | 013 | | | A1 | | 2007 | 0502 | | EP 2 | 005- | 7910 | 52 | | 2 | 0050 | 811 | |
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| | | IS, | IT, | LI, | LT, | LU, | LV, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | BA, | |
| | | HR, | MK, | YU | | | | | | | | | | | | | | |
| CN | 1010 | 0152 | 7 | | A | | 2007 | 0718 | | CN 2 | 005- | 8002 | 7381 | 20050811 | | | | |
| IN | 2007 | DNOO: | 317 | | A | | 2007 | 0817 | | IN 2 | 007- | DN31 | 7 | | 2 | 0070 | 111 | |
| KR | 2007 | 0417 | 44 | | A | | 2007 | 0419 | KR 2007-703104 | | | | | | 2 | 0070 | 208 | |
| RITY | APP | LN. | INFO | . : | | | | | | GB 2 | 004- | 1804 | 7 | | A 2 | 0040 | 812 | |
| | | | | | | | | | , | ₩O 2 | 005- | FDS7 | 18 | , | ar 2 | 0050 | 811 | |
| | | | | | | | | | | ··· 2 | | Dr 0 /- | 40 | | " 2 | 0000 | O T T | |

OTHER SOURCE(S): MARPAT 144:207363
IT 875571-11-2D, derivs., mixts. with pyrazole derivs.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
RN 875571-11-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-piperidiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

FORMAT

L11 ANSWER 55 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Synergistic fungicidal compns. comprise the pyrazole derivs. I (R1 = CF3 or CHF2; H or Me) or I tautomers and one of a very large number of known fungicides.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THESE

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 875295-11-7 875295-12-8 875295-13-9 875295-14-0 875295-15-1 875295-16-2 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compn.) RN 875294-86-3 CAPLUS (CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)-, mixt. with rel-1-[[(2R,3S)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 2

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

CRN 875294-85-2 CMF C16 H15 C1 F N5

Relative stereochemistry.

N 875294-87-4 CAPLUS N [1,2,4]Triazolo[1,5-a]pyrimidine, -chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)-, mixt. with rel-1-[[(2R,38)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

Page 90

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:147748 CAPLUS

TITLE: 144:207360 Synergistic fungicide mixtures comprising triazolopyrimidine derivatives pletter, Carsten; pletz, Jochen; Grammenos, Wassilos; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schweegler, Anja; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; SOURCE: PTT. Appl., 73 pp.

DOCUMENT TYPE: Patent
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

KG, KZ, MD, RU, TJ, TM

AU 2005-270459
A1 20060216
CA 2073929
A1 20060216
CA 2005-273499
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A1 20060216
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A1 20070530
EP 1788877
A1 20070530
EP 2005-773888
CO 2005-773888
A1 E, AT, BE, BE, CH, CY, CJ, ED, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, FL, FT, RO, SE, SI, SK, TR

CN 1993050
A 20070704
CN 2005-80026212
C0050728
TN 2006KN03942
A 20070622
IN 2006-N393942
C007032
RITY APPLN. INFO::

DE 2004-102004037784A
2004080 CN 1993050 IN 2006KN03942 KR 2007047819 PRIORITY APPLN. INFO.:

WO 2005-EP8192 W 20050728

OTHER SOURCE(S): MARPAT 144:207360
IT 875294-86-3 875294-81-4 875294-88-5
875294-89-6 875294-91-0 875294-92-1
875294-93-2 875294-94-3 875294-95-4
875294-95-5 875294-97-6 875294-99-7
875294-99-8 875295-00-6 875295-01-5
875295-02-6 875295-03-7 875295-04-8
875295-05-9 875295-05-9 875295-01-1
875295-08-2 875295-09-3 875295-10-6

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 187233-46-1 CMF C17 H17 C12 N5

CM 2

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

Relative stereochemistry.

RN 875294-88-5 CAPLUS
CN 3H-1,2,4-Triazole-3-thione,
2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)2-hydroxypropyl]-1,2-dihydro-, mixt. with
5-chloro-6-(2-chlorophenyl)-7-(2methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-46-1 CMF C17 H17 C12 N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Cl

CM 2

CRN 178928-70-6 CMF C14 H15 C12 N3 O S

RN 875294-89-6 CAPLUS
CN Cyclopentanol, 5-[(4-chlorophenyl)methylene]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)-, mixt. with
5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 187233-46-1 CMF C17 H17 C12 N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 131983-72-7 CMF C17 H20 C1 N3 O

875294-91-0 CAPLUS Manganese, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato (2-)- $\kappa S_{\kappa} \kappa S^{*}]$, mixt. with 5-chloro-6-(2-methylphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine and [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)- $\kappa S_{\kappa} \kappa S^{*}]$ zinc (9CI) (CA INDEX NAME)

CM 1

CRN 875294-90-9 CMF C18 H20 C1 N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 12427-38-2 CMF C4 H6 Mn N2 S4 CCI CCS

NH-CH2-CH2-NH-CS2-

CM 3

CRN 12122-67-7 CMF C4 H6 N2 S4 Zn CCI CCS

NH-CH2-CH2-NH-CS2-

875294-92-1 CAPLUS

1H-Imidazole-1-sulfonamide, 4-chloro-2-cyano-N,N-dimethyl-5-(4-methyl-henyl)-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 187233-46-1 CMF C17 H17 C12 N5

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L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

CM

CRN 120116-88-3 CMF C13 H13 C1 N4 O2 S

NC-

RN 875294-93-2 CAPLUS
CN 1H-Imidazole-1-sulfonamide, 4-chloro-2-cyano-N,N-dimethyl-5-(4-methylphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 875294-90-9 CMF C18 H20 C1 N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CM 2

CRN 120116-88-3 CMF C13 H13 C1 N4 O2 S

875294-94-3 CAPLUS 1H-Isoindole-1,3(2H)-dione, 2-[(trichloromethyl)thio]-, mixt. with

5-chloro-6-(2-chloropheny1)-7-(2-methy1-1-piperidiny1)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 2

CRN 133-07-3 CMF C9 H4 C13 N O2 S

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875294-95-4 CAPLUS
CN Phosphonic acid, monoethyl ester, aluminum salt, mixt. with

5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-46-1 CMF C17 H17 C12 N5

2 CM

CRN 39148-24-8 CMF C2 H7 O3 P . 1/3 A1

●1/3 A1

RN 875294-96-5 CAPLUS CN 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-, mixt. with

5-chloro-6-(2-methylphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a)pyrimidine (9CI) (CA INDEX NAME)

(Continued) L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CM 1

CRN 875294-90-9 CMF C18 H20 C1 N5

CM 2

CRN 1897-45-6 CMF C8 C14 N2

CM 1

CRN 875294-85-2 CMF C16 H15 C1 F N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

875294-98-7 CAPLUS Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt. with 5-(6)-dimethylphenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]-triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-46-1 CMF C17 H17 C12 N5

CM 2

CRN 57837-19-1

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CMF C15 H21 N O4

875294-99-8 CAPLUS Benzeneacetic acid, α -(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, (α E)-, mixt. with 5-chloro-6-(2-methylphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 875294-90-9 CMF C18 H20 C1 N5

CM 2

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

875295-00-4 CAPLUS Manganese, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)- KS,KS']-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine and [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)-KS,KS']zinc (9CI) (CA INDEX NAME)

CM 1

CRN 875294-85-2 CMF C16 H15 C1 F N5

CM

CRN 12427-38-2 CMF C4 H6 Mn N2 S4 CCI CCS

(Continued) L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CM 3

CRN 12122-67-7 CMF C4 H6 N2 S4 Zn CCI CCS

NH-CH2-CH2-NH-CS2-

875295-01-5 CAPLUS Phosphonic acid, monoethyl ester, aluminum salt, mixt. with

5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 875294-85-2 CMF C16 H15 C1 F N5

CRN 39148-24-8 CMF C2 H7 O3 P . 1/3 A1

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L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

●1/3 A1

RN 875295-02-6 CAPLUS
CN 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-, mixt. with

5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 875294-85-2 CMF C16 H15 C1 F N5

CM 2

CRN 1897-45-6 CMF C8 C14 N2

RN 875295-03-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluorophenyl)-7-(3-methyl1-pyrrolidinyl)-, mixt. with (2R,68)-rel-4-[3-[4-(1,1dinethylethyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 875294-85-2 CMF C16 H15 C1 F N5

Relative stereochemistry.

RN 875295-04-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(2-methyl1-piperidinyl)-, mixt. with
(2R,68)-rel-4-[3-[4-(1,1-dimethylethyl)phenyl]2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-46-1 CMF C17 H17 C12 N5

(Continued)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CRN 110488-70-5 CMF C21 H22 C1 N O4

RN 875295-06-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(2-methyl1-piperidinyl)-7, mixt. with
4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)1-oxo-2-propenyl]morpholine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-46-1 CMF C17 H17 C12 N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 67564-91-4 CMF C20 H33 N O

RN 875295-05-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluorophenyl)-7-(3-methyl1-pyrrolidinyl)-, mixt. with
4-[3-(4-chlorophenyl)]-3-(3,4-dimethoxyphenyl)1-oxo-2-pxopenyl]morpholine (9CI) (CA INDEX NAME)

CM 1

CRN 875294-85-2 CMF C16 H15 C1 F N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 110488-70-5 CMF C21 H22 C1 N O4

RN 875295-07-1 CAPLUS
CN 1,4-Dioxaspiro[4.5]decane-2-methanamine, 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 875294-85-2 CMF C16 H15 C1 F N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CM 2 CRN 118134-30-8 CMF C18 H35 N O2 875295-08-2 CAPLUS
1,4-Dioxaspiro(4.5]decane-2-methanamine, 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 187233-46-1 CMF C17 H17 C12 N5 CM 2 CRN 118134-30-8 CMF C18 H35 N O2 RN 875295-09-3 CAPLUS
CN 1H-Imidazole-1-carboxamide,
N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-,
mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CM 1 CRN 187233-46-1 CMF C17 H17 C12 N5 CM 2 CRN 67747-09-5 CMF C15 H16 C13 N3 O2 CH2 CH2 875295-11-7 CAPLUS 2-Pyrimidinamine, 4,6-dimethyl-N-phenyl-, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 187233-46-1 CMF C17 H17 C12 N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CM 1 CRN 875294-85-2 CMF C16 H15 C1 F N5 CM 2 CRN 67747-09-5 CMF C15 H16 C13 N3 O2 H2 СНЭ RN 875295-10-6 CAPLUS
CN 1H-Imidazole-1-carboxamide,
N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-,
mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

875295-12-8 CAPLUS 1,4-Dioxaspiro[4.5]decane-2-methanamine, 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-, mixt. with 5-chloro-6-(2-methylphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 875294-90-9 CMF C18 H20 C1 N5

CM 2 CRN 118134-30-8 CMF C18 H35 N O2 L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

875295-13-9 CAPLUS Naphtho[2,3-dicarbonitrile, 5,10-dihydro-5,10-dioxo-, mixt. with 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 875294-85-2 CMF C16 H15 C1 F N5

CM

3347-22-6 C14 H4 N2 O2 S2

875295-14-0 CAPLUS Carbamic acid, [2-[[[1-(4-chlorophenyl)-lH-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with

5-chloro-6-(2-methylphenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN a]pyrimidine (9CI) (CA INDEX NAME) (Continued)

CM 1

CRN 875294-90-9 CMF C18 H20 C1 N5

CM

CRN 175013-18-0 CMF C19 H18 C1 N3 O4

875295-15-1 CAPLUS

8/5295-15-1 CAPLUS Manganese, [[2-1 (dithiocarboxy) amino] ethyl] carbamodithioato (2-) - $\kappa S_i, \kappa S^*$] -, mixt. with 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine and [[2-[(dithiocarboxy) amino] ethyl] carbamodithioato(2-)- $\kappa S_i, \kappa S^*$]zine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-46-1 CMF C17 H17 C12 N5

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

12427-38-2 C4 H6 Mn N2 S4 CCS

NH-CH2-CH2-NH-CS2-

CM 3

CRN 12122-67-7 CMF C4 H6 N2 S4 Zn CCI CCS

NH-CH2-CH2-NH-CS2-

RN 875295-16-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(2-methyl1-piperidinyl)-, mixt. with copper chloride oxide hydrate (9CI) (CA
INDEX
NAME)

CM 1

CRN 187233-46-1 CMF C17 H17 C12 N5

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L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

1332-40-7 CRN CMF Unspecified

CMF Unspecified CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 875294-85-2D, mixts. containing 875294-90-9D, mixts. containing 875295-91-91-9D, mixts. containing 875295-17-9D, mixts. containing 875295-17-9D, mixts. containing 875295-20-8D, mixts. containing 875295-20-8D, mixts. containing 875295-22-9D, mixts. containing 875295-23-1D, mixts. containing 875295-23-1D, mixts. containing 875295-23-1D, mixts. containing 875295-23-9D, mixts. containing 875295-23-9D, mixts. containing 875295-33-9D, mixts. containing 875295-44-4D, mixts. containing 875295-54-8D, mixts. containing 875295-64-8D, mixts. containing 875295-64-8D, mixts. containing 875295-55-9D, mixts. containing 875295-64-4D, mixts. containing 875295-55-9D, mixts. containing 875295-65-4D, mixts. containing 875295-65-4D, mixts. containing 875295-65-4D, mixts. containing 875295-65-4D, mixts. containing 875295-66-4D, mixts

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875294-90-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-methylphenyl)-7-(4-methyl1-piperidinyl)- (CA INDEX NAME)

875295-17-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methylphenyl)-7-(1-pyrrolidinyl)- (CA INDEX NAME)

RN 875295-18-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-methylphenyl)-7-(3-methyl1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 875295-21-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,4-dimethyl-1-pyrrolidinyl)6-(2-methylphenyl)- (CA INDEX NAME)

875295-22-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methylphenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

RN 875295-23-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-methylphenyl)-7-(2-methyl1-piperidinyl)- (CA INDEX NAME)

RN 875295-24-2 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidine, 5-chloro-7-(2,5-dimethyl-1-pyrrolidinyl)-6-(2-methylphenyl)- (CA INDEX NAME)

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L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875295-19-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,3-dimethyl-1-pyrrolidinyl)-6-(2-methylphenyl) (CA INDEX NAME)

RN 875295-20-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,4-dimethyl-1-pyrrolidinyl)-6-(2-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875295-25-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,3-dimethyl-1-piperidinyl)-6-(2-methylphenyl)- (CA INDEX NAME)

RN 875295-26-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,4-dimethyl-1-piperidinyl)-6-(2-methylphenyl)- (CA INDEX NAME)

RN 875295-27-5 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidine, 5-chloro-7-(2,5-dimethyl-1-piperidinyl)-6-(2-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875295-28-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,6-dimethyl-1-piperidinyl)-6-(2-methylphenyl)- (CA INDEX NAME)

RN 875295-29-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,4-dimethyl-1-piperidinyl)-6-(2-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875295-33-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3-ethyl-1-piperidiny1)-6-(2methylpheny1)- (CA INDEX NAME)

RN 875295-34-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(4-ethyl-1-piperidinyl)-6-(2methylphenyl) (CA INDEX NAME)

RN 875295-35-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methylphenyl)-7-(4-propyl-1-piperidinyl)- (CA INDEX NAME)

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Lil ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 875295-30-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,5-dimethyl-1-piperidinyl)-6-(2-methylphenyl)- (CA INDEX NAME) (Continued)

875295-31-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[4-(1-methylethyl)-1-piperidinyl]-6-(2-methylphenyl)- (CA INDEX NAME)

RN 875295-32-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2-ethyl-1-piperidinyl)-6-(2methylphenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\begin{array}{lll} 875295-36-6 & \texttt{CAPLUS} \\ [1,2,4]\texttt{Triazolo}[1,5-a]\texttt{pyrimidine}, & \texttt{5-chloro-7-[4-(1,1-dimethylethyl)-1-piperidinyl]-6-(2-methylphenyl)-} & \texttt{(CA INDEX NAME)} \end{array}$

RN 875295-37-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-y1)-6(2-methylphenyl)- (CA INDEX NAME)

875295-38-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(1-pyrrolidinyl)- (CA INDEX NAME)

RN 875295-39-9 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidine, 5-chloro-7-(2,3-dimethyl-1-pyrrolidinyl)-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875295-40-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,4-dimethyl-1-pyrrolidinyl)6-(2-fluorophenyl)- (CA INDEX NAME)

RN 875295-41-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,5-dimethyl-1-pyrrolidinyl)-6-(2-fluorophenyl)- (CA INDEX NAME)

RN 875295-42-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(3-methyl-

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 1-piperidinyl)- (CA INDEX NAME)

(Continued)

RN 875295-43-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluorophenyl)-7-(4-methyl1-piperidinyl)- (CA INDEX NAME)

RN 875295-44-6 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidine, 5-chloro-7-(3,4-dimethyl-1-pyrrolidinyl)-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 875295-45-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,3-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (CA INDEX NAME) (Continued)

RN 875295-46-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,4-dimethyl-1-piperidinyl)6-(2-fluorophenyl)- (CA INDEX NAME)

RN 875295-47-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,5-dimethyl-1-piperidinyl)6-(2-fluorophenyl)- (CA INDEX NAME)

RN 875295-48-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2.6-dimethyl-1-piperidinyl)-Page 99

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 6-(2-fluorophenyl)- (CA INDEX NAME) (Continued)



RN 875295-49-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,4-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (CA INDEX NAME)



RN 875295-50-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,5-dimethyl-1-piperidinyl)-6-(2-fluorophenyl)- (CA INDEX NAME)



875295-51-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-[4-(1-methylethyl)-1-piperidinyl]- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875295-52-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2-ethyl-1-piperidiny1)-6-(2fluoropheny1)- (CA INDEX NAME)

RN 875295-53-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3-ethyl-1-piperidiny1)-6-(2fluoropheny1)- (CA INDEX NAME)

875295-54-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
loro-7-(4-ethyl-1-piperidinyl)-6-(2fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

875295-58-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloropheny1)-7-(2,3-dimethyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 875295-60-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(3-methyl1-pyrrolidinyl)- (CA INDEX NAME)

875295-62-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,4-dimethyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 875295-64-0 CAPLUS

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

RN 875295-55-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluorophenyl)-7-(4-propyl1-piperidinyl)- (CA INDEX NAME)

875295-56-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[4-(1,1-dimethylethyl)-1-piperidinyl]-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,5-dimethyl-1-pyrrolidinyl)- (CA INDEX NAME)



875295-65-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3,4-dimethyl-1-pyrrolidinyl)- (CA INDEX NAME)



875295-66-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloropheny1)-7-(2,3-dimethyl-1-piperidiny1)- (CA INDEX NAME)

875295-68-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloropheny1)-7-(2,5-dimethyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

875295-70-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,6-dimethyl-1-piperidinyl)- (CA INDEX NAME)

875295-71-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3,4-dimethyl-1-piperidinyl)- (CA INDEX NAME)

875295-72-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-[4-(1-methylethyl)-1-piperidinyl]- (CA INDEX NAME)

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN piperidinyl)- (CA INDEX NAME) (Continued)

RN 875295-76-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(4-propyl1-piperidinyl)- (CA INDEX NAME)

875295-77-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-[4-(1,1-dimethylethyl)-1-piperidinyl]- (CA INDEX NAME)

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L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 875295-73-1 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-ethyl-1-piperidinyl)- (CA INDEX NAME)

RN 875295-74-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3-ethyl-1-piperidinyl)- (CA INDEX NAME)

RN 875295-75-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(4-ethyl-1-

L11 ANSWER 56 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

D

AB Synergistic fungicidal mixts. comprise: (1) a 5-chlor-6-phenyl-7-heterocyclylaminotriazolopyrimidine derivative I, wherein D forms a pyrrolidine, piperidine or azepine ring together with the nitrogen atom, the rings being substituted or not substituted by one or two Me groups or by an Et. Fr or Bu group; and L represents Me, fluorine or chlorine; and (2) at least one active ingredient selected from: (A) azoles; (B) strobilurines; (C) acylalanines; (D) amine derivs.; (E) anilinopyrimidines; (F) dicarboximides; (G) cinnamic acid amides and analoges; (H) antibiotics; (K) dithiocarbamates; (L) heterocylic compds.; (M) sulfur and copper fungicides; (K) nitrophenyl derivs.; (O) phenylpyroles; (N) sulfenic acid derivs.; (Q) other fungicides; or (R) growth retardants.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 57 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2006:51000 CAPLUS DOCUMENT NUMBER: 144:12895

Preparation of 6-phenyl-7-aminotriazolo[1,5-TITLE:

Preparation of 6-phenyl-7-aminotriazolo[1,5-alpyrimidines as agrochemical fungicides. Blettner, Carsten; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schweogler, Anja; Wagner, Oliver; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard INVENTOR(S):

Reinhard
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 41 pp.
CODEN: PIXXD2
Patent
German 1 PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

> APPLICATION NO. PATENT NO. KIND DATE DATE

CASREACT 144:128995; MARPAT 144:128995 OTHER SOURCE(S):

CASREACT 144:128995 873690-99-4P 873691-00-0P 873691-01-1P 873691-06-6P 873691-07-7P 873691-10-2P 873691-11-3P

8/3691-11-3P RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); HSES

(Uses)

(USES) (preparation of phenylaminotriazolopyrimidines as agrochem. fungicides)
RN 873690-99-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-chlorophenyl)-5-methoxy-7-(2-methyl-

PRIORITY APPLN. INFO.:

WO 2005-EP7277 W 20050706

L11 ANSWER 57 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 873691-07-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-methoxy-6-(2-methylphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

CAPLUS

RN 8/3691-10-2 CAPLOS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-chlorophenyl)-5-ethoxy-7-(4-methyl1-piperidinyl)- (CA INDEX NAME)

873691-11-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine,-chlorophenyl)-5-methoxy-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 57 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 1-piperidinyl)- (CA INDEX NAME)

873691-00-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-fluorophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

(Continued)

RN 873691-01-1 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidine, 6-(2-fluorophenyl)-5-methoxy-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

873691-06-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-methylphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 57 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

IT 187233-46-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(Reactant or reagent)
(preparation of phenylaminotriazolopyrimidines as agrochem.
fungicides)
RN 187233-46-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(2-methyl1-piperidinyl)- (CA INDEX NAME)

GI

AB Title compds. [I; Rl = (substituted) alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, halocycloalkenyl, alkynyl, haloalkynyl, Ph, naphthyl 5-6 membered saturated, partially unsatd.

or axomatic heterocycle containing 1-4 O, N, S; R2 = H, R1; R1R2N = (substituted)
5-6 membered heterocyclyl, heteroaryl; L = F, Cl, Me; X = cyano, alkyl, alkoxy, haloalkoxy; with provisos], were prepared Thus,

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L11 ANSWER 57 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 5,7-dichloro-6-(2-chlorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine was stirred ca. 35 h with Et3N and 2-methylpiperidine in CH2Cl2 to give 64%

5-chloro-6-(2-chloropheny1)-7-(2-methylpiperidin-1-y1)-1,2,4-triazolo[1,5-a]pyrimidine. This was stirred ca. 15 h with NaCMe in MeOH to give

5-methoxy-6-(2-chlorophenyl)-7-(2-methylpiperidin-1-yl)-1,2,4-triazolo[1,5-a]pyrimidine. Several I at 250 ppm on tomatoes reduced Alternaria solani infection to 55%, vs. 90% for untreated controls.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 2006:10855 CAPLUS 144:108341 ACCESSION NUMBER: DOCUMENT NUMBER: TITLE:

INVENTOR(S):

LAPLUS 144:108341

Preparation of triazolopyrimidines as agrochemical fungicides
Blettner, Carsten; Schieweck, Frank; Tormo i Blasco, Jordi; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schwoegler, Anja; Wagner, Oliver; Speakman, John-Bryan; Jabs, Thorsten; Strathmann, Siegfried; Schoefl, Ulrich; Scherer, Maria; Stierl, Reinhard
BASF A.-G., Germany
PCT Int. Appl., 94 pp.
CODEN: PIXXD2
Patent
German
1

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA: | PENT | NO. | | | KIN | | | | | | | | | | | D | ATE | |
|-------|-------|------|------|-----|-----|-----|------|------|-----|-----|----|-------|-------|------|-------|-----|------|-----|
| WO | 2006 | 0004 | 36 | | | | | | | | | | | | | 2 | 0050 | 624 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BE | 3, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | D2 | 2, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | ٥, | JP, | KE, | KG, | KM, | KP, | KR, | KZ, |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MI |), | MG, | MK, | MN, | MW, | MX, | MZ, | NA, |
| | | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PΊ | Γ, | RO, | RU, | SC, | SD, | SE, | SG, | SK, |
| | | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | T2 | 2, | UA, | UG, | US, | UZ, | VC, | VN, | YU, |
| | | ZA, | ZM, | zw | | | | | | | | | | | | | | |
| | RW: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EF | Ξ, | ES, | ΓI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LT, | LU, | MC, | NL, | PL, | PT, | RC | ٠, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, |
| | | | | | | | | GW, | | | | | | | | | | |
| | | KE, | LS, | MW, | MΖ, | NA, | SD, | SL, | SZ, | T2 | 2, | UG, | ZM, | ZW, | AM, | AZ, | BY, | KG, |
| | | | | | ΤJ, | | | | | | | | | | | | | |
| | 2005 | | | | | | | | | | | | | | | | | |
| | 2570 | | | | | | | | | | | | | | | | | |
| EP | 1761 | | | | | | | | | | | | | | | | | |
| | R: | | | | | | | DE, | | | | | | | | | | |
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| | | | MK, | | | | | | | | | | | | | | | |
| | 1972 | | | | A | | | 0530 | | | | | | | | | 0050 | |
| | 2006 | | | | | | | 0615 | | | | | | | | _ | 0061 | |
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| ORIT: | / APP | LN. | INFO | . : | | | | | | DE | 20 | 04- | 1020 | 0403 | 0816. | A 2 | 0040 | 625 |
| | | | | | | | | | | wo. | 20 | n 5_1 | FDES | 5.5 | | w o | 0050 | 621 |
| | | | | | | | | | | WO | 20 | 05- | BFOO. | J J | | n z | 0000 | 024 |

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L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
872863-35-9P 872863-36-0P 872863-37-1P
872863-28-2P 872863-39-3P 872863-40-6P
872863-41-7P 872863-42-8P
872863-44-0P 872863-45-1P 872863-46-2P
872863-44-3P 872863-45-1P 872863-66-2P
872863-63-6P 872863-51-9P 872863-52-0P
872863-55-1P 872863-51-9P 872863-55-3P
872863-55-1P 872863-55-7-5P 872863-55-3P
872863-59-7P 872863-60-0P 872863-61-1P
872863-62-2P 872863-63-3P 872863-64-4P
872863-65-5P 872863-66-6P 872863-64-4P
872863-65-5P 872863-66-6P 872863-67-7P
872863-68-8P 872863-73-72-4P 872863-73-5P
872863-71-4-6P 872863-73-72-4P 872863-73-5P
872863-71-4-6P 872863-73-80-0P 872863-79-1P
872863-80-4P 872863-78-0P 872863-79-1P
872863-80-4P 872863-84-8P 872863-79-1P
872863-86-0P 872863-84-8P 872863-85-9P
872863-86-0P 872863-87-9P 872863-85-9P

(Uses)

(prepn. of triazolopyrimidines as agrochem. fungicides)
872863-19-9 CAPLUS
Leucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

872863-21-3 CAPLUS Glycine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 872863-22-4 CAPLUS

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN L-Isoleucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-23-5 CAPLUS L-Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-24-6 CAPLUS L-Alanine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-alpyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 872863-25-7 CAPLUS

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN L-Leucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-26-8 CAPLUS L-Tryptophan, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-27-9 CAPLUS

RN 8/2503-2/-9 CAPLOS
CL-Phenylalanine,
N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 872863-31-5 CAPLUS CN L-Glutamic acid, N-[5-chloro-6-(2,4,6-trifluorophenyl)(1,2,4]triazolo[1,5-alpyrimidin-7-y1]-, dimethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

872863-32-6 CAPLUS Glycine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-methyl-, ethyl ester (CA INDEX NAME)

872863-33-7 CAPLUS Acetamide, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrinidin-7-yl]methylamino]-N-methyl- (CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-28-0 CAPLUS L-Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-29-1 CAPLUS Glycine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, ethyl ester (CA INDEX NAME)

872863-30-4 CAPLUS
Methionine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{array}{c|c} & Me & \bigcap \\ & N-CH_2-C-NHM \\ & & N \\ & & N \end{array}$$

872863-34-8 CAPLUS L-Isoleucine, Nr[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, 2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

872863-35-9 CAPLUS

o/2003-33-9 CAPLUS L-Tryptophan, N-[5-chloro-6-(2,4,6-trifluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 872863-36-0 CAPLUS CN L-Phenylalanine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-37-1 CAPLUS
Alanine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

872863-38-2 CAPLUS
Methionine, N-[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

-OBu-t CH-CH2-CH2-SMe

872863-39-3 CAPLUS Benzeneacetic acid, $\alpha=[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, methyl$ (CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, methyl ester, (\alpha S)- (CA INDEX NAME)

Absolute stereochemistry.

872863-43-9 CAPLUS L-Methionine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, 2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

N CH2

872863-44-0 CAPLUS L-Isoleucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, phenylmethyl ester (CA INDEX NAME)

Absolute stereochemistry.

Ph

RN 872863-45-1 CAPLUS Page 105

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-40-6 CAPLUS
Cyclopropanecarboxylic acid, 1-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, methyl (CA INDEX NAME)

872863-41-7 CAPLUS

Absolute stereochemistry.

872863-42-8 CAPLUS Cyclohexanepropanoic acid, $\alpha\text{-[[5-chloro-6-(2,4,6-chloro$

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN L-Serine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5a]pyrimidin-7-yl]-O-(1,1-dimethylethyl)-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

 $872863-46-2 \quad CAPLUS \\ 2-Piperidine carboxylic acid, 1-[5-chloro-6-(2,4-difluorophenyl)] \\ 1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CAINDEX NAME)$

RN 872863-47-3 CAPLUS CN 2H-Azepin-2-one, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]hexahydro- (CA INDEX NAME)

ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 872863-48-4 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 672663-48-4 CAPLUS Clycine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

872863-49-5 CAPLUS Cyclopentanecarboxylic acid, 1-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, ethyl ester (CA INDEX NAME)

872863-50-8 CAPLUS
Glycine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-(phenylmethyl)-, ethyl ester (CA INDEX NAME)

872863-51-9 CAPLUS

872863-51-9 CAPLUS L-Leucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, propyl ester (CA INDEX NAME)

Absolute stereochemistry.

ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 872863-54-2 CAPLUS L-Isoleucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, propyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-55-3 CAPLUS
D-Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, propyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-56-4 CAPLUS
Butanoic acid, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, methyl ester (CA INDEX NAME)

RN 872863-57-5 CAPLUS

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L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-52-0 CAPLUS L-Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-53-1 CAPLUS L-Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-methyl-, propyl ester (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN L-Valine, N-[5-chloro-6-(2-chloro-6-fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-58-6 CAPLUS L-Leucine, N-[5-chloro-6-(2-chloro-6-fluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-59-7 CAPLUS L-Isoleucine, N-(5-chloro-6-(2-chloro-6-Eluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 872863-60-0 CAPLUS

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN L-Valine, N-[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-61-1 CAPLUS
L-Leucine, N-[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 872863-62-2 CAPLUS CN L-Isoleucine, N-[5-chloro-6-(2-chloro-4-methoxyphenyl)(1,2,4)triazolo(1,5-a)pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN a]pyrimidin-7-yl]-, propyl ester (CA INDEX NAME) (Continued)

Absolute stereochemistry.

872863-66-6 CAPLUS L-Valine, N-[5-chloro-6-(2,4,6-trifluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, propyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-67-7 CAPLUS
D-Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-68-8 CAPLUS
D-Leucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-63-3 CAPLUS
L-Valine, N-[5-chloro-6-(2-chloro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

872863-64-4 CAPLUS
D-Leucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-alpyrimidin-7-y1]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-65-5 CAPLUS D-Leucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

872863-69-9 CAPLUS
Butanamide, 2-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-N,3,3-trimethyl- (CA INDEX NAME)

872863-70-2 CAPLUS L-Isoleucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-71-3 CAPLUS
2-Piperidinecarboxylic acid, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 872863-72-4 CAPLUS CN 2(3H)-Furanone, 3-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]dihydro- (CA INDEX NAME)

872863-73-5 CAPLUS
L-Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-methyl-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-77-9 CAPLUS Alanine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3,3,3-trifluoro- (CA INDEX NAME)

872863-78-0 CAPLUS

o/2003-/0-U CAPLOS
3-Piperidinecarboxylic acid, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, ethyl ester (CA INDEX NAME)

872863-79-1 CAPLUS $\beta \text{-Alanine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, methyl ester (CA INDEX NAME) }$

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-74-6 CAPLUS
L-Isoleucine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-methyl-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

872863-75-7 CAPLUS D-Valine, N-[3-chloro-6-(2,4,6-trifluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-N-methy1-, methy1 ester (CA INDEX NAME)

872863-76-8 CAPLUS Valine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3-methyl-, methyl ester (CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-80-4 CAPLUS
Butanoic acid, 3-[[5-chloro-6-(2,4,6-trifluorophenyl)]1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-, ethyl ester (CA INDEX NAME)

872863-81-5 CAPLUS $\beta \text{-Alanine, N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, 1,1-dimethylethyl ester (CA INDEX NAME) }$

872863-82-6 CAPLUS Benzenepropanoic acid, $\beta\text{-}[[5\text{-chloro-6-}(2,4,6\text{-trifluorophenyl})[1,2,4]triazolo[1,5\text{-a}]pyrimidin-7-y1]amino]-, methyl$

(CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-83-7 CAPLUS Benzenepropanoic acid, β -[[5-chloro-6-(2,4,6-trifluoro-phenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-4-(1-methylethyl)-, methyl ester (CA INDEX NAME)

872863-84-8 CAPLUS 872863-84-8 CAPLUS Benzenepropanoic acid, β =[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-4-fluoro-, methyl ester (CA INDEX NAME) L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-85-9 CAPLUS Benzenepropanoic acid, $\beta=[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]-4-methyl-, methyl ester (CA INDEX NAME)$

872863-86-0 CAPLUS $\label{eq:control_control} $$ 2-\text{Naphthalenepropanoic acid, } \beta-[[5-\text{chloro}-6-(2,4,6-\text{trifluorophenyl})[1,2,4]\text{triazolo}[1,5-a]pyrimidin-7-yl]amino]-, methyl$ ester (CA INDEX NAME)

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872863-87-1 CAPLUS
1H-Azepine, 1-[[1-[5-chloro-6-(2,4,6-trifluorophenyl)]1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3-piperidinyl]carbonyl]hexahydro- (9CI) (CA INDEX

GT

L11 ANSWER 58 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. I [Z = (L)m; X = halo, CN, alkyl, etc.; W = 0, S; Y = 0R4, NR5R6; L = halo, alkyl, alkenyl, etc.; m = 0-5; R1 = H, alkyl, CHO, etc.; R2 = H, alkyl, etc.; R3 = H, alkyl, alkoxy, etc.; R4 = H, alkyl, hydroxyalkyl, etc.; R4, R5 = H, alkyl, cycloalkyl, etc.] were prepared

For example, condensation of dichloropyrimidine II and 2-amino-4-methylpentanoic acid tert-Bu ester afforded triazolopyrimidine III in > 90% yield. In alternaria solani tomato protection assays, 12-examples of compds. I at 250 ppm exhibited 90% after 5-days.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

Page 109

L11 ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2005:1351072 CAPLUS DOCUMENT NUMBER: 144:88310

TITLE:

INVENTOR(S):

2005:1351072 CAPLUS

144:83310

Preparation of 6-(2-methylphenyl)triazolopyrimidines as agricultural fungicides

Blettner, Carsten; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard

BASF Aktlengesellschaft, Germany
PCT Int. Appl., 34 pp.
CODEN: PIXXD2

Patent

German

1

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA: | TENT : | NO. | | | KIN | | DATE | | | | PLICAT | | | | D | ATE | |
|---------|----------------------|------|-----|-----|-----|-------------|------|------|----------------|----------------|--------|------|----------|------|------|------|-----|
| WO | 2005 | 1237 | 40 | | | | 2005 | 1229 | | | 2005- | | | | 2 | 0050 | 614 |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | ΑZ, | BA, | BI | 3, BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | D2 | E, EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | JP, | KE, | KG, | KM, | KP, | KR, | KZ, |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MI | , MG, | MK, | MN, | MW, | MX, | MZ, | NA, |
| | | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT | r, RO, | RU, | SC, | SD, | SE, | SG, | SK, |
| | | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | T2 | , UA, | UG, | US, | UZ, | VC, | VN, | YU, |
| | | ZA, | ZM, | ZW | | | | | | | | | | | | | |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SI | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | A1 | r, BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS | , IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CC | G, CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | |
| AU | 2005 | 2546 | 55 | | A1 | 2005 | 1229 | | ΑU | 2005- | 2546 | 65 | | 2 | 0050 | 614 | |
| CA | 2568 | 799 | | | A1 | | 2005 | 1229 | | CA | 2005- | | 20050614 | | | | |
| EP | 1761 | 543 | | | A1 | | 2007 | 0314 | EP 2005-756040 | | | | | | 2 | 0050 | 614 |
| | R: | | | | | | | | | | E, ES, | | | | | HU, | IE, |
| | | IS, | IT, | LI, | LT, | LU, | MC, | NL, | PL, | PT | r, RO, | SE, | SI, | SK, | TR | | |
| | 1980 | | | | A | | 2007 | 0613 | | CN | 2005- | 8002 | 0702 | | 2 | 0050 | 614 |
| | 2006 | | | | | | 2007 | 0615 | IN 2006-KN3562 | | | | 62 | | 2 | 0061 | 128 |
| US | US 2007238744 | | | | A1 | A1 20071011 | | | | US 2006-629126 | | | | | 2 | 0061 | 211 |
| KR | 2007 | 0292 | 57 | | A | | 2007 | 0313 | | KR | 2007- | 7013 | 55 | | 2 | 0070 | 119 |
| RIORIT: | IORITY APPLN. INFO.: | | | | | | | | | DE | 2004- | 1020 | 0403 | 0165 | A 2 | 0040 | 622 |
| | | | | | | | | | | WO | 2005- | EP63 | 43 | 1 | W 2 | 0050 | 614 |

OTHER SOURCE(S): CASREACT 144:88310; MARPAT 144:88310
IT 388060-82-0P 388061-58-3P 872105-58-3P
872105-59-4P 872105-60-7P 872105-61-8P
872105-62-9P 872105-63-0P 872105-64-1P
872105-62-2P 872105-66-3P 872105-67-4P
872105-68-5P 872105-69-6P 872105-70-9P
872105-71-0P 872105-72-1P 872105-73-2P

ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued) 872105-59-4 CAPLUS [1,2,4]Triazolc[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2-methylphenyl)- (CA INDEX NAME)

872105-60-7 cAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(1-methylthyl)-6-(2-methylphenyl)- (CA INDEX NAME)

872105-61-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cycloheptyl-6-(2-methylphenyl)- (CA INDEX NAME)

RN 872105-62-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-(2-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 872105-74-3F R1: AGR (Agricultural use); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(prepn. of methylphenyltriazolopyrimidines as agricultural fungicides) 388060-82-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

388061-58-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methylphenyl)- (CA INDEX NAME)

872105-58-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methyl-bhenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $872105-63-0 \quad CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methyl+hyl)-6-(2-methylphenyl)- \quad (CA INDEX NAME)$

- Dr - i

872105-64-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2-methylphenyl)-N-2-propenyl- (9C1) (CA INDEX NAME)

872105-65-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methylphenyl)-N-(2-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

N-Bu-i

872105-66-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-methylphenyl)- (CA INDEX NAME)

872105-67-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chioro-6-(2-methylphenyl)- (CA INDEX NAME)

872105-68-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-6-(2-methylphenyl) - (CA INDEX NAME)

L11 ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

872105-69-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dimethyl-6-(2-methylphenyl)- (CA INDEX NAME)

(Continued)

872105-70-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 872105-71-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chlor-N-(1,2-dimethylpropyl)-6-(2-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

i-Pr-

872105-72-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 872105-73-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-methylphenyl)-N-(1methylpropyl)- (CA INDEX NAME)

872105-74-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-[(1R)-1-methylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 59 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. I [R1 = alkyl, cycloalkyl, halocycloalkyl, etc.; R2 = H, alkyl, etc.; X = halo] were prepared For example, condensation of dichloropyrimidine II and 3-methyl-2-butylamine afforded triazolo[1,5-a]pyrimidine III. In alternaria solani tomato protection assays, 5-examples of compds. I at 250 ppm exhibited 100% protection err

assays, o ca after 5-days. REFERENCE COUNT:

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:1351039 CAPLUS DOCUMENT NUMBER: 144:88309

TITLE:

INVENTOR(S):

ZUD5:1351039 CAPLUS
144:8309
Preparation of 6-(2-fluorophenyl)triazolopyrimidines
as agricultural fungicides
Blettner, Carsten; Gewehr, Markus; Grammenos,
Wassilios; Grote, Thomas; Huenger, Udo; Mueller,
Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim;
Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja;
Wagner, Oliver; Nave, Barbara; Scherer, Maria;
Strathmann, Siegfried; Schoefl, Ulrich; Stierl,
Reinhard
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 38 pp.
CODEN: PIXXD2
Patent
German
1

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | CENT : | | | | KIN | | DATE | | | APPL | | | | | | ATE | |
|----------|--------|-----|------|-----|-----------------------|------|------|------|------|------|------|-----|----------|----------|-----|-----|-----|
| | 2005 | | | | A1 20051229 | | | | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KM, | KP, | KR, | KZ, |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, |
| | | NG, | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, |
| | | SL, | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, |
| | | ZA, | ZM, | ZW | | | | | | | | | | | | | |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS, | IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | |
| EP | 1761 | | A1 | | 2007 | 0314 | | EP 2 | 005- | 7475 | 98 | | 21 | 0050 | 514 | | |
| | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LI, | LT, | LU, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR | | |
| | | | | | | | 2007 | 0530 | | CN 2 | 005- | | 20050614 | | | | |
| PRIORITY | APP | LN. | INFO | . : | DE 2004-102004030166A | | | | | | | | A 21 | 20040622 | | | |

WO 2005-EP6342 W 20050614

R SOURCE(S): MARPAT 144:88309 872105-24-3P 872105-25-4P 872105-26-5P 872105-27-6P 872105-28-7P 872105-29-8P 872105-30-1P 872105-31-2P 872105-32-3P 872105-33-4P 872105-31-2P 872105-33-56-P 872105-36-7P 872105-37-8P 872105-38-9P 872105-39-0P 872105-40-3P 872105-441-4P 872105-42-5P RL: AGR (Arriem)** OTHER SOURCE(S):

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

872105-25-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N,N-bis(3-methyl-2-butenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (prepn. of fluorophenyltriazolopyrimidines as agricultural fungicides) RN 872105-24-3 CAPLUS 872105-24-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluorophenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

Me2C=CH-CH2

RN 872105-26-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-fluorophenyl)-N-(3methyl-2-butenyl)- (QCI) (CA INDEX NAME)

872105-27-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluorophenyl)-N-2-propenyl- (9C1) (CA INDEX NAME)

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 872105-28-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(2-methylpropyl)- (CA INDEX NAME)

RN 872105-29-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(c-fluorophenyl)-N-(2methylpropyl)-N-2-propenyl- (9CI) (CA INDEX NAME)

872105-30-1 CAPLUS [1,2,4]Triazolo[(1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-methyl-N-(2-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872105-31-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluorophenyl)-N-(2-methylpropyl)- (CA INDEX NAME)

872105-32-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-methyl-N-(1-methylpropyl)- (CA INDEX NAME)

RN 872105-33-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2-fluorophenyl)-N-methyl- (CA INDEX NAME)

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 872105-34-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(1-methylbutyl)- (CA INDEX NAME)

RN 872105-35-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,4-dimethylpentyl)-6-(2-fluorophenyl)- (CA INDEX NAME)

872105-36-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-methyl-N-(3-methylbutyl)- (CA INDEX NAME)

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872105-40-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluorophenyl)- (CA INDEX NAME)

RN 872105-41-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-fluorophenyl)-N-(1methylpropyl)- (CA INDEX NAME)

872105-42-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

872105-37-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

872105-38-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 872105-39-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 60 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. I [R1 = alkyl, halocycloalkyl, alkenyl, etc.; R2 = H,

AB Title compds. I [KI = almy1, maloo,...]
etc.; X = halo] were prepared For example, condensation of
dichloropyrimidine II and 3-methyl-2-butylamine afforded
triazolo[1,5-a]pyrimidine III. In alternaria solani tomato protection
assays, 6-examples of compds. I at 250 ppm exhibited 100% protection

after

assays, 5 c... after 5-days. REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:1331355 CAPLUS DOCUMENT NUMBER: 144:46618 ZUUS:1331355 CAPLUS
144:46618
Preparation of triazolopyrimidine derivatives as fungicides
Fungicide TITLE: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: DOCUMENT TIPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2005120233 A1 20051222 RW 00 2005-EP6170 20050608

WI: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CT, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
LC, LK, LE, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NA,
NG, NI, NO, NZ, CM, PG, PH, FL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SM, SY, TJ, TM, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW

RN: BM, GH, GM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GH, CH, CY, CZ, DE, DK,
MR, NE, SN, TD, TG

EP 1758457 A1 20070307

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FII, FR, GB, GH, UZ, LE,
IS, IT, LI, LT, LU, MC, NL, PL, PT, CO, SE, SI, SK, TR
CN 1964629 A 200702156

US 2007249634 A1 20070156

US 2007489634 A1 20070156

W 2008-EP6170 W 20050608

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IT 187233-35-8F 187233-53-0F 388060-68-2F
388060-72-8F 388060-89-7F 691012-37-0F
691012-38-1F 691012-97-2F 691012-40-5F
691012-41-6F 691012-42-7F 871124-27-5F
871124-28-6F 871124-27-2F 871124-33-3F
871124-31-1F 871124-32-2F 871124-33-3F
871124-33-4F 871124-35-5F 871124-33-6F
871124-33-7F 871124-38-8F 871124-39-9DF,
atropisomers 871124-39-9F 871124-43-5F

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 388060-68-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME) (Continued)

38866-72-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-ntrophenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX 1

CAPLUS 38800-89-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
loro-6-(2-fluoro-4-nitrophenyl)-7-(4methyl-1-piperidinyl)- (CA INDEX NAME)

691012-37-0 CAPLUS

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871124-44-6P 871124-48-0P 871124-49-1P
871124-50-4P 871124-48-0P 871124-52-6P
871124-53-7P 871124-51-5P 871124-52-6P
871124-53-7P 871124-57-1P 871124-58-2P
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871124-80-3P 871124-81-1P 871124-82-5P
871124-80-4P 871124-81-7P 871124-88-8P
871124-90-2P 871124-91-3P 871124-88-8P
871124-90-3P 871124-91-3P 871124-88-8P
8711

187233-53-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-nitrophenyl)-7(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluoro-4-nitrophenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

691012-38-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

691012-39-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluoro-4-nitrophenyl)- (CA INDEX NAME) RN CN

691012-40-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-41-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

691012-42-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

871124-27-5 CAPLUS
Benzenecarbothioamide, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro-(9CI) (CA

INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-28-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluoro-5-nitrophenyl)- (CA INDEX NAME)

871124-29-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-nitrophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

RN 871124-30-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2-fluoro-5-nitrophenyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-31-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-5-nitrophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

871124-32-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-ntrophenyl)-N-cyclopentyl- (CA INDEX NAME)

871124-33-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

NHPr-i

871124-34-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N,N-dlethyl- (CA INDEX NAME)

871124-35-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluoro-3-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 871124-36-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2,2:]ort-2-y1-5-chloro-6-(2-fluoro-4-nitrophenyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-37-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(1,1,3,3-tetramethylbutyl)- (CA INDEX NAME)

871124-38-8 CAPLUS 8/11/24-39-8 CAPLUS Benzenecarbothioamide, 3-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

871124-39-9 CAPLUS Benzenecarbothioamide, 3-chloro-4-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-42-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-4-nitrophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

871124-43-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-4-nitrophenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

871124-44-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
chloro-6-(2-methyl-4-nitrophenyl)-7-(3methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

871124-39-9 CAPLUS
Benzenecarbothioamide, 3-chloro-4-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

871124-40-2 CAPLUS
Benzenecarbothioamide, 3-chloro-4-[5-chloro-7-[(2,2,2-trifluoroethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

871124-41-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-4-nitrophenyl)-N-(2,2,2-trifiuoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 871124-45-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methyl-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

871124-46-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methyl-4-nitrophenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

871124-47-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-4-nitrophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me NH-CH-Bu-t

RN 871124-48-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-methyl-4-nitrophenyl)-7-(2methyl-1-pyrrolidinyl)- (CA INDEX NAME)

Me Me Me

RN 871124-49-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methyl-4-nitrophenyl)-7-(2methyl-1-piperidinyl)- (CA INDEX NAME)

Me Me N Me

RN 871124-50-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-4-nitrophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

O2N HN R Pr-1

RN 871124-54-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-6-(2-methyl-4-nitrophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

Me N-CH2-CF3

RN 871124-55-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,5-dichloro-4-nitrophenyl)7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

O₂N C1 N N

RN 871124-56-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

O2N Me HN R Bu-t

RN 871124-51-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6(2-methyl-4-nitrophenyl)- (CA INDEX NAME)

Me NH-CH-Pr-

RN 871124-52-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-4-nitrophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

Me NH-CH-Et

RN 871124-53-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-methyl-4-nitrophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me Et-CH-NH O2N C1

RN 871124-57-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 871124-58-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

O₂N C1 N Me

RN 871124-59-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,5-dichloro-4-nitrophenyl)7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

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871124-60-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

871124-61-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichloro-4-nitrophenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 871124-62-8 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-nitrophenyl)-7-(4-methyl-1-piperidinyl) (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-66-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-(2,2)=trifiuoro-1-methylethyl)- (CA INDEX NAME)

871124-67-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-(2,2,2-trifiuoroethyl)- (CA INDEX NAME)

NH-CH2-CF3

871124-68-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-63-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

871124-64-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

871124-65-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

RN 871124-69-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chloro-5-nitrophenyl)-7-(2methyl-1-pyrrolidinyl) (CA INDEX NAME)

RN 871124-70-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chloro-5-nitrophenyl)-7-(2methyl-1-piperidinyl)- (CA INDEX NAME)

871124-71-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-72-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

871124-73-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 871124-74-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methyl-5-nitrophenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

871124-75-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-5-nitrophenyl)-N-(2,2,2-trifiluoro-1-methylethyl)- (CA INDEX NAME)

871124-76-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-5-ntrophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

871124-77-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-5-ntrophenyl)-N-[(35)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 871124-78-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-methyl-5-nitrophenyl)-7-(4methyl-1-piperidinyl)- (CA INDEX NAME)

871124-79-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methyl-5-nitrophenyl)-N-(2-methyl-2-propenyl)- (9C1) (CA INDEX NAME)

871124-80-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-5-ntrophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 871124-81-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methyl-5-nitrophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 871124-82-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-methyl-5-nitrophenyl)-7-(2methyl-1-piperidinyl)- (CA INDEX NAME)

871124-83-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-5-nitrophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 871124-84-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6(2-methyl-5-nitrophenyl)- (CA INDEX NAME)

871124-85-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methyl-5-nitrophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

871124-86-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-methyl-5-nitrophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Denzenecarbothioamide, 3-chloro-4-[5-cyano-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl] (CA INDEX NAME)

GI

AB The invention relates to the preparation and fungicidal use of triazolopyrimidines I, wherein R1, R2 represent hydrogen, alkyl, alkyl halide, cycloalkyl, cycloalkyl halide, alkenyl, alkadienyl, alkenyl halide, cycloalkenyl, cycloalkenyl halide, alkynyl, alkynyl halide, cycloalkinyl, Ph, naphthyl, or a five-membered or ten-membered saturated, partially unsatd., or aromatic heterocycle containing one, two, three, or four heteroatoms from the group comprising O, N, or S. R1, R2 can be

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

871124-87-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-nitrophenyl)-N-methyl-N-(2,2,2-trifiloroethyl)- (CA INDEX NAME)

871124-88-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-6-(2-methyl-5-nitrophenyl)-N-(2,2,2-trifluozoethyl)- (CA INDEX NAME)

871124-90-2 CAPLUS
Benzenecarbothioamide, 3-chloro-4-[5-methoxy-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 61 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) substituted, or R1 and R2 form five-membered to eight-membered heterocyclyl or heteroaryl along with the nitrogen atom to which the same are bound, the heterocyclyl or heteroaryl being bound via N.

Futthermore,
R1, R2 contain one, two, or three addnl. heteroatoms from the group comprising O, N, and S as a ring member. L represents halogen, alkyl, alkyl halide, alkoxy, alkoxy, alkoxy halide, alkenyloxy, cyano, etc; L1

represents
halogen, alkyl, alkyl halide; L2 represents nitro, C(S)NR3R4 etc.; R3 and R4 represents hydrogen, alkyl, cycloalkyl, etc.; n represents 0, 1, 2, or 3. X represents hydrogen, cyano, alkyl, etc.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:1262721 CAPLUS DOCUMENT NUMBER: 144:22938 144:2938
Preparation of triazolopyrimidine compounds and their use for controlling pathogenic fungi
Blettner, Carsten; Schieweck, Frank; Tormo, I. Blasco
Jordi; Mueller, Bernd; Gewehr, Markus; Grammenos,
Wassilios; Grote, Thomas; Rheinheimer, Joachim;
Schaefer, Peter; Schwoegler, Anja; Wagner, Oliver;
Speakman, John-Bryan; Jabs, Thorsten; Strathmann,
Siegfried; Schoefl, Ulrich; Scherer, Maria; Stierl,
Reinhard TITLE: INVENTOR(S): Siegfried; Schoefl, Ulrich; Scher Reinhard BASF Aktiengesellschaft, Germany PCT Int. Appl., 77 pp. CODEN: PIXXD2 Patent German 1 PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: DOCUMENT TIPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2005113555 A1 20051201 WO 2005-EF5270 20050513

WI: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GB, GE, GH, GM, HR, HU, DJ, IL, IN, IS, JP, KE, KG, RM, KP, KR, KZ, LC, LK, LE, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NA, NG, NI, NO, NZ, CM, PG, PH, FL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, VU, ZA, ZM, ZM

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, FT, RO, SE, SIS, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MK, MR, NE, NN, TD, TG

EP 1751162 A1 20070214 EP 2005-744598 20050513

RI: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, ST, TR, LT, LU, MC, NL, PL, FT, CN, 1953980 A 20070425 CN 2005-80015940 20050513

JP 2007538028 T 20071106 BR 2005-108044 20050513

DE 2007-102004024346A 200440518 APPLICATION NO. PATENT NO. KIND DATE DATE JP 2007538028 PRIORITY APPLN. INFO.: DE 2004-102004029446A 20040618 WO 2005-EP5270 W 20050513 OTHER SOURCE(S): MARPAT 144:22938

IT 870252-60-IP 870252-63-4P 870252-66-IP
870252-65-IP 870252-75-8P
870252-77-IP 870252-79-2P 870252-80-5P
870252-83-IP 870252-81-9P 870252-86-IP
870252-88-IP 870252-81-9P 870252-82-9P
870252-94-IP 870252-93-IP 870252-92-9P
870252-94-IP 870252-93-IP 870253-00-2P

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870252-66-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[3-(1,1-dimethylethyl)-5-isoxazolyl]methyl]-N-methyl-6-(2,4,6-trifluorophenyl)-(CA INDEX NAME)

RN 870252-69-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-methyl-N-[(3-methyl-5isoxazolyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
870253-02-4P 870253-04-6P 870253-10-6P 870253-12-6P
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(Uses)
(prepn. of triazolopyrimidine compds. and their use for controlling pathogenic fungi)
870252-60-1 CAPLUS
N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(4-chlorophenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870252-63-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-furanylmethyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870252-73-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-thienylmethyl)-6-(2,4,6-trifluozophenyl)- (CA INDEX NAME)

RN 870252-75-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[3-(1,1-dimethylethyl)-5-isoxazolyl]methyl]-N-ethyl-6-(2,4,6-trifluorophenyl)-(CA_INDEX_NAME)

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L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870252-77-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(6-methyl-2-pyridinyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870252-79-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(phenylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870252-80-5 CAPLUS

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870252-86-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(3-methylphenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870252-88-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(3-fluorophenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSMER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(2,4-dichlorophenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870252-82-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(3,4,5-trimethoxyphenyl)methyl]- (CA INDEX NAME)

870252-84-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(2-methoxyphenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 870252-90-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(4fluorophenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870252-92-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(cyclopropylphenylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $870252-94-1 \quad CAPLUS \\ [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1-(4-chlorophenyl)-(LA INDEX NAME)] \\ [1,2,4]Triazolo [1,2,4]Triazol$

Absolute stereochemistry.

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870252-96-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
N-(1,3-benzodioxol-5-ylmethyl)-5chloro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870252-98-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[4-(1,1-dimethylethyl)]phenyl]methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

870252-98-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[4-(1,1-dimethylethyl)phenyl]methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

(Continued)

RN 870253-00-2 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2-pyridinylmethyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870253-02-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(5-methyl-2-furanyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870253-04-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(3-methyl-5-isoxazolyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

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L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-06-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1R)-1-phenylpropyl]6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 870253-08-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-pyridinylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-10-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,3-dihydro-1H-inden1-y1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-12-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-naphthalenylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

EN 870253-14-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1-(3-methylphenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

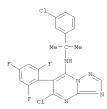
(Continued)

RN 870253-16-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-phenylcyclopropyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-18-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-M-[1-(3-fluorophenyl)-1methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-20-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[1-(3-chloropheny1)-1methylethyl]-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)



FN 870253-22-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(2-chloro-6-fluorophenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

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L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-24-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-M-(1-amphthalenylmethyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-26-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(4-methylphenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-29-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(2-fluorophenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-31-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(2-naphthalenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-33-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(4-pyridinylmethyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-[(4-bromophenyl)methyl]-5chloro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-41-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(1-aphthalenyl)=6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-43-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
N-(1,3-benzodioxol-5-ylmethyl)-5chloro-N-methyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F C1 N N

RN 870253-44-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-35-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,3-dihydro-1H-indol-1-y1)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-37-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2,3,4-tetrahydro2,2-dimethyl-1-naphthalenyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-39-7 CAPLUS

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) phenylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-46-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2,3,4-tetrahydro-5-methoxy-1-naphthalenyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-48-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-N(phenylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-50-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(4-nitrophenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

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L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-52-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(4-methoxyphenyl)methyl]-N-methyl-6-(2,4,6-trifluorophenyl)- (CA INDEX

RN 870253-54-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N(phenylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-56-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[4(methylsulfonyl)phenyl]methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX

RN 870253-58-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(4,5,6,7-tetrahydro-2methylbenzo[b]thien-4-y1)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-60-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2,3,4-tetrahydro-1naphthalenyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-62-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N,N-bis(phenylmethyl)-6(2,4,6-trifluorophenyl) (CA INDEX NAME)

RN 870253-64-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(4,5,6,7-tetrahydrobenzo[b]thien-4-y1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-66-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-diphenylethyl)-Nethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

FN 870253-68-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N(phenylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-70-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(3-methoxyphenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870253-72-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(3-nitrophenyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $870253-74-0 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1-(4-fluorophenyl)-thyl]-6-(2,4,6-trifluorophenyl)- \quad (CA INDEX NAME) \\ [2,4] [$

Absolute stereochemistry.

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870253-80-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-thienylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-82-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1-methyl-1H-pyrrol-2yl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

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870253-76-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[4-(dimethylamino)phenyl]methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870253-78-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1,3,5-trimethyl-1H-pyrazol-4-yl)methyl]- (CA INDEX

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870253-84-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(3-methyl-2-thienyl)methyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 870253-86-4 CAPLUS CN Propanenitrile, 3-[[5-chloro-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-yl] (phenylmethyl)amino]- (CA INDEX NAME)

870253-88-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(phenylmethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

CH2

870253-90-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(phenylmethyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870253-92-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-methoxyphenyl)-N-(phenylmethyl)- (CA INDEX NAME)

RN 870253-94-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[2-(1-methyl-1H-pyrrol2-yl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $870253-96-6 \quad CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, N-[2-(3-bromophenyl) ethyl]-5-chloro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)$

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 870253-98-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(2-thienyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN

870254-00-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(2-chlorophenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870254-02-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-[2-(1-naphthalenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870254-04-9 CAPLUS

GRIDSO CARBOS (ARDOS (1,2,4) Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(3,4-dimethoxyphenyl)ethyl]-N-methyl-6-(2,4,6-trifluorophenyl)- (CA INDEX

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870254-06-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(4-fluorophenyl)ethyl]-N-methyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $\label{eq:continuous} \begin{array}{lllll} 870254-08-3 & CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(2-methoxypheny1)ethy1]-6-(2,4,6-trifluoropheny1)- & (CA INDEX NAME) \\ \end{array}$

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870254-10-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(4-chlorophenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870254-12-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-phenylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

AB The invention relates to novel triazolopyrimidine compds. I [R1, R2, R3 = H, (un)substituted C1-4-alkyl; X = halogen, CN, C1-4-alkyl, C1-4-haloalkyl, C1-4-haloalkyl, C1-4-haloalkyl, C1-4-haloalkyl, L = halogen, C1-6-alkyl, C2-6-alkenyl, C1-6-haloalkyl, C1-6-haloalkyl

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

870254-14-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-[3-(trifluoromethyl)phenyl]ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX

870254-16-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-phenylpropy1)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

870254-18-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N- $\{2-(4-florophenyl)-6+(2,4,6-trifluorophenyl)-$ (CA INDEX NAME)

L11 ANSWER 62 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) having 1 - 5 Ra's); A = bond, CR4R5; R = C1-8-alkyl, C1-8-alkyl, c1a-2ndpoly; A1 = H, GB, C1-8-alkyl, C1-8-alkyl, amino; A2 = C2-8-alkenyl, C1-8-alkyl, C1-6-haloalkoxy; Ra = halogen, CN, NO2, OH, CH

NH2, CO2H, CONH2CSNH2, C1-4-alkyl, C1-4-haloalkyl, etc.] to their use for controlling pathogenic fungi and to agricultural pesticides contg.

compds.

of this type as active constituents. Thus, 7-(4-chlorobenzylamino)-5-chloro-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine (II)

prepd. from 5,7-dichloro-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine via regioselective amination with 4-chlorobenzylamine in CH2Cl2 contg. Et3N. The fungicidal activity of II was detd. [only 3% infection on "Golden Princess" tomato plant leaves by Alternaria solani

250 ppm]. REFERENCE COUNT:

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 63 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1262708 CAPLUS

TITLE: 13:473909

Synegistic functione and a pyridine derivative triazolopyrimidine and a pyridine derivative

TOTOM I Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Slegfried; Schoefl, Ulrich; Gewehr, Markus

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

FOT Int. Appl., 18 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANKULAGE: German DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE A A T A A MX 2006-PA11 /49 20061013 IN 2006-EN2974 20061013 US 2006-579672 20061107 NO 2006-5508 20061129 RE 2006-725650 20061206 DE 2004-102004023248A 20040507 IN 2006KN02974 20070608 20070816 US 2007191398 NO 2006005508 A A 20061201 KR 2007011576 20070124 PRIORITY APPLN. INFO.: WO 2005-EP4482 W 20050427 869734-64-5
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicide mixture)
869734-64-5 CAPLUS
Benzamide, 2,6-dichloro-N-[[3-chloro-5-(trifluoromethyl)-2pyridinyl]methyl]-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX тт ANSWER 64 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2005:1260906 CAPLUS

143:473908

ENTOR (S): Synergistic fungicide mixture for rice comprising a triazolopyrimidine derivative and dodine

Torno I Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

ENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

PCT Int. Appl., 22 pp.

CODEN: PIXXD2

Patent

SUAGE: German

ENT ACC. NUM. COUNT: 1

SURGET ACC. NUM. COUNT: 1 ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: | Mark | PATENT NO. KIND DATE APPLICATION NO. WO 2005112642 RW: AU 2005245260 CA 2562635 EP 1746891 AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR, LV, A A T A CN 2005-80014600 20050427 CN 1949974 20070418 CN 2005-80014600 20050427 PR 2005-10544 20050427 JP 2007-511954 20050427 IN 2006-KN2973 20061107 NO 2006-559662 20061107 NO 2006-5507 20061129 RC 2006-725649 2006120 DE 2004-102004023160A 20040507 BR 2005010544 JP 2007536304 IN 2006KN02973 20071030 20071213 20070608 A1 US 2007208039 20070906 NO 2006005507 KR 2007007959 PRIORITY APPLN. INFO.: 20060112 20070116 WO 2005-EP4481 W 20050427 869731-97-5
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicide mixture for rice)
869731-97-5 CAPLUS
Guanidine, dodecyl-, monoacetate, mixt. with 5-chloro-7-(4-methyl-1piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine
(9CI) (CA INDEX NAME)

L11 ANSWER 63 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) NAME) CM 1 CRN 239110-15-7 C14 H8 Cl3 F3 N2 O CM 2 214706-53-3 C17 H15 C1 F3 N5 AB A synergistic fungicide mixture comprises
5-chloro-7-(4-methylpiperidin-1y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and
2,6-dichloro-N-(3-chloro-5-trifluoromethylpyridin-2-ylmethyl)benzamide.
REFERENCE COUNT:
1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT (Continued)

L11 ANSWER 64 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C17 H15 C1 F3 N5

2 CM 2439-10-3 C13 H29 N3 . C2 H4 O2 CM 3 CRN 112-65-2 CMF C13 H29 N3

|| H2N-C-NH-(CH2)11-Me

CM 4

CRN 64-19-7 CMF C2 H4 O2

AB A synergistic fungicide mixture for rice comprises 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1.5-a]pyrimidine and dodine.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

Page 130

CRN 214706-53-3

L11 ANSWER 65 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1259631 CAPLUS

DOCUMENT NUMBER: 144:1622

Synergistic fungicidal mixtures comprising triazolopyrimidine and oxime ether derivatives

TOTHO I Blasco, Jordi; Goto, Thomas, Ammermann, Eberhard; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

POCUMENT TYPE: COEM: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE

TT, LI CN 1953661 BR 2004018836 AT 375723 JP 2007538018 IN 2006KN03011 US 2007191397 KR 2007029197 PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 144:1622

IT 869857-85-2 869857-86-3

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(synergistic fungicidal mixture)

RN 869857-85-2 CAPLUS

CN Benzeneacetamide, N-[(cyclopropylmethoxy)amino][2,3-difluoro-6-(trifluoromethyl)phenyl]methylene]-, [N(Z)]-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L11 ANSWER 65 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

IT 214706-53-3D, mixts, with oxime ether derivs. 214706-53-3D, mixts. with oxime ether derivs.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixts.)
214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 65 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

2

RN 869857-86-3 CAPLUS
CN Benzeneacetamide, N-[[(cyclopropylmethoxy)amino][6-(difluoromethoxy)-2,3-difluorophenyl]methylene]-, mixt. with
5-chloro-7-(4-methyl-1-piperidinyl)6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA

INDEX

NAME) CM 1

CRN 221201-92-9 CMF C20 H18 F4 N2 O3

(Continued) L11 ANSWER 65 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

Synergistic fungicidal mixts. comprise

derivative 1 (A - malvam, - - - alkoxy or haloalkoxy; n= 0, 1, 2 or 3). The invention also relates to a method for controlling harmful fungi with mixts. of compds. (I) and (II), to the agents containing said mixts. and to the utilization of compds. (I) and

for the production of said mixts.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 66 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1242496 CAPLUS

DOCUMENT NUMBER: 143:473906

Synergistic fungicidal mixtures comprising triazolopyrimidines

Blettner, Carsten; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Nave, Barbara; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany Reinhard
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 68 pp.
CODEN: PIXXD2
Patent
German 1
1 PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: DOCUMENT TIPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. APPLICATION NO. KIND DATE CN 1953662 BR 2005009783 JP 2007537193 PRIORITY APPLN. INFO.: DE 2004-102004024797A 20040517 WO 2005-EP5070 W 20050511 OTHER SOURCE(S): MARPAT 143:473906

IT 261516-04-5 869497-30-3 869497-33-6
869497-34-7 869497-36-9
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
RN 261516-04-5 CAPL Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl L11 ANSWER 66 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CM 110488-70-5 C21 H22 Cl N O4 869497-33-6 CAPLUS Solution of the state of the st L11 ANSWER 66 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) ester, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 187233-48-3 CMF C17 H16 C12 F N5 17804-35-2 C14 H18 N4 O3 NHBu-n 869497-30-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluoropheny1)-7-(4-methyl-1-piperidinyl)-, mixt. with 4-[3-(4-chloropheny1)-3-(3,4-dimethoxypheny1)-1-oxo-2-propenyl]morpholine (9CI) (CA INDEX NAME) CM 1 CRN 187233-48-3 CMF C17 H16 C12 F N5 L11 ANSWER 66 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CM 2 (Continued) 187233-48-3 C17 H16 Cl2 F N5 CM 1 CRN 187233-48-3 CMF C17 H16 C12 F N5

CM 2

CRN 3347-22-6 CMF C14 H4 N2 O2 S2

CRN 188425-85-6 CMF C18 H12 C12 N2 O

CM 1

L11 ANSWER 66 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 869497-36-9 CAPLUS
CN 1H-Isoindole-1,3(2H)-dione,
3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio], mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 187233-48-3 CMF C17 H16 C12 F N5

2 CM

133-06-2

C9 H8 C13 N O2 S

ACCESSION NUMBER:

GI

L11 ANSWER 66 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

ANSWER 67 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ESSION NUMBER: 2005:1242492 CAPLUS

LS: 143:473905

ENTOR(S): Synergistic fungicidal mixtures comprising triazolopyrimidine derivatives

ENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Rademacher, Wilhelm

ENT ASSIGNEE(S): Redemacher, Wilhelm

BASF Aktiengesellschaft, Germany

PCT Int. Appl., 19 pp.

CODEN: PIXXD2

Patent

GGAGE: German

ENT INFORMATION: DOCUMENT NUMBER: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. WO 2005110084 WO 2005110084 W: AE, AC RW: AU 2005-244423 CA 2005-2565419 CN 2005-80015371 EP 2005-743373 AU 2005244423 A1 A1 CA 2565419 CN 1972594 EP 1793677 A A2 20070530 20070613 20050511 20050511 AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NI, PL, PT, RO, SE, SI, SK, TR, HR, LV, A T A A A A1 A BR 2005-10189 JP 2007-512077 IN 2006-KN2822 BR 2005010189 20071002 20050511 JP 2007537194 IN 2006KN02822 20071220 20070601 20060927 IN 2006-KM2822 20060927 MX 2006-PA11518 20061005 NO 2006-5065 20061103 US 2006-579959 20061103 DE 2004-7026108 20061212 DE 2004-102004024194A 20040513 MX 2006FA11518
NO 2006005065
US 2007244006
KR 2007029194
PRIORITY APPLN. INFO.: 20070116 20061211 20071018 20070313 WO 2005-EP5073 W 20050511

OTHER SOURCE(S): MARPAT 143:473905

IT 869490-99-3 869491-00-9 869491-01-0
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)

RN 869490-99-3 CAPLUS
C Cyclohexanecarboxylic acid, 3,5-dioxo-4-(1-oxopropyl)-, ion(1-), calcium, calcium salt, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (2:1:1:1) (9CI) (CA INDEX NAME)

(Continued) L11 ANSWER 67 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CM 1

214706-53-3 C17 H15 C1 F3 N5

2 CM

127277-53-6 C10 H11 O5 . 1/2 Ca . 1/2 Ca

●1/2 Ca²⁺

●1/2 Ca

869491-00-9 CAPLUS Ethanaminium, 2-chloro-N,N,N-trimethyl-, chloride, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

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YU

L11 ANSWER 67 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2 CRN 999-81-5 CMF C5 H13 Cl N . Cl

 Me_3 +N $-\text{CH}_2$ -CH $_2$ Cl

• c1-

RN 869491-01-0 CAPLUS
CN 3-Pyridinecarboxylic acid,
2-[1-[[(3,5-difluorophenyl)amino]carbonyl]hydr
azono]ethyl]-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSMER 67 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) alkyl, halonalkyl or alkenyl; R2 = hydrogen or R1; R1R2 = alkylene; L = fluorine, chlorine or bromine; m = 2 or 3) and gibberellin biosynthesis and/or auxin transport inhibitors.

L11 ANSWER 67 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 109293-97-2 CMF C15 H12 F2 N4 O3

214706-53-3D, mixts. with gibberellin biosynthesis and/or auxin transport inhibitors
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)
214706-53-3 CAPLUS
[1,2,4]Trlazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

$$N_{N} = \sum_{N=1}^{N_{R}} L_{m}$$

AB Synergistic fungicidal mixts. comprise a triazolopyrimidine derivative I (RI =

L11 ANSWER 68 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1242397 CAPLUS
DOCUMENT NUMBER: 413:473904 Synergistic fungicide mixtures comprising a triazolopyrimidine and biphenyl anide derivatives triazolopyrimidine anide ani

| | | rent | | | | KIND DATE | | | | | | LION | | | | ATE | | |
|------------------------|------------------------------|------|------|-----|--------------------------|----------------------------|-----|------|-------|----------------|------|-------|--------------|------|-------|-------|-------|-------|
| | WO | 2005 | 1100 | 89 | | A2 20051124 A3 20060216 | | | | | | | | | | | | |
| | WO | 2005 | | | | | | | | | | | | | | | | |
| | | w: | | | | | | | | | | | , BR, | | | | | |
| | | | | | | | | | | | | | , EE, | | | | | |
| | | | | | | | | | | | | | , KE, | | | | | |
| | | | | | | | | | | | | | , MK, | | | | | |
| | | | | | | | | | | | | | , RU, | | | | | |
| | | | | | | 10, | IM, | IN, | IK, | 11, | 12 | i, UA | , UG, | us, | UZ, | vc, | VIV, | 10, |
| | | DET. | | ZM, | | TOTAL | | 100 | 140 | *** | C.T. | | . sz. | me | rrc. | F23.4 | PL. | 224 |
| | | EW: | | | | | | | | | | | , 52, BG, | | | | | |
| | | | | | | | | | | | | | LT, | | | | | |
| | | | | | | | | | | | | | CM, | | | | | |
| | | | | | | | | | DU, | CF, | CC | , CI | , CPI, | GA, | GIV, | GQ, | GW, | Pil., |
| | MR, NE, SN, AU 2005244421 | | | | | | | | 1124 | | 11.4 | 2005 | -2444 | 21 | | 2 | 0050 | 511 |
| | CA 2563814 | | | | | | | | | | | | | | | | | |
| | | | | | | A2 2007022 | | | | | | | | | | | | |
| | L | | | | | | | | | | | | . FI. | | | | | |
| | | 14. | | | | | | | | | | | SE, | | | | | |
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| | CN | 1972 | 595 | | | A | | 2007 | 0530 | | CN | 2005 | -8001 | 5375 | | 2 | 0050 | 511 |
| | | 2005 | | | | | | | | | | | -1081 | | | | | |
| | | 2007 | | | | | | | | | | | -5120 | | | | | |
| | | | | | | | | | | | | | -KN30 | | | | | |
| | | | | | | | | | | | | | -PA12 | | | | | |
| | | | | | | | | | | | | | -5790 | | | | | |
| | | | | | | | | | | | | | | | | | 0061 | |
| | | | | | A 20061211 A 20070124 | | | | | KR 2006-726106 | | | | | | | | |
| PRIORITY APPLN. INFO.: | | | | | | | | | | | DE | 2004 | -1020 | 0402 | 4203. | A 2 | 0040 | 513 |
| | | | | | | | | | | | WO. | 2005 | -EP50 | 69 | | w 2 | 0050 | 511 |

R SOURCE(S): MARPAI 143:473904
869731-28-2 869731-29-3 869731-30-6
81: AGR (Agricultural use), BIOL (Biological study); USES (Uses)
(synergistic fungicide mixture)
869731-28-2 CAPLUS
5-Thiazolecarboxamide, N-(3'-chloro-4'-fluoro[1,1'-biphenyl]-2-yl)-2methyl-4-(trifluoromethyl)-, mixt. with 5-chloro-7-(4-methyl-1piperidinyl)-6-(2,4,6-trifluorophenyl)(1,2,4)triazolo[1,5-a]pyrimidine
(9CI) (CA INDEX NAME)

L11 ANSWER 68 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 577794-35-5 CMF C18 H11 C1 F4 N2 O S

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

 $\label{eq:cost} $$ \sup_{x \in \mathcal{X}_{n}} (2^{1}-x^{2}-x^{2}-x^{2}) = 0 $$ one of the content of the$

CM 1

CRN 577794-39-9 CMF C18 H11 F5 N2 O S

L11 ANSWER 68 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

214706-53-3D, mixts. with biphenyl amides
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic funglicide mixts)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimiddine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME) IT

L11 ANSWER 68 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

 $\label{eq:continuous} 869731-30-6 \quad CAPLUS \\ 5-Thiazolecarboxamide, N-(3',4'-dichloro[1,1'-bipheny1]-2-y1)-2-methyl-4-(trifluoromethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NORMAN NORMAN$ NAME)

CM 1

CRN 577794-44-6 CMF C18 H11 C12 F3 N2 O S

L11 ANSWER 68 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The title fungicide mixts. contain 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1.5-a]pyrimidine and a biphenyl amide I [A = (un) substituted oxathiin or 5-membered heteroaryl; Rl = H, alkyl, alkylcarbonyl or a carbonyl bonded group A; Ra, Rb = halo, cyano, alkyl, halogenalkyl, alkoxycarbonyl, alkoxy, halogenalkoxy, alkylthio, alkylcarbonyl, formyl or, alkylene- or alkenylene which connects two adjacent carbon atoms; m = 0, 1, 2, 3, 4 or 5, n = 0, 1 or 2].

L11 ANSWER 69 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:1242375 CAPLUS

DOCUMENT NUMBER: 143:473903 Synergistic fungicide mixtures comprising a triazolopy:imidine derivative.

TOTHO: 1 TOTHO: 1 Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Rheinheimer, Joachim

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

FOT Int. Appl., 17 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANKULAGE: German LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE MR, NE, SN, TD, TG
244420 A1 20051124 AU 2005-244420 20050511
219 A1 20051124 CA 2005-2560219 20050511
975 A 20070418 CN 2005-80014745 20050511
105 A2 20070725 EF 2005-747553 20050511
AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, FT, RO, SE, SI, SK, TR, HR, LV, R: YU BR 2005-9784 20050511
JP 2007-512073 20050511
IN 2006-RN2610 20060917
NC 2006-PA11069 20060927
NC 2006-5043 20061102
US 2006-596468 2006113
DE 2004-102004024201A 20040513 A T A A A BR 2005009784 20071023 JP 2007537191 IN 2006KN02610 20071220 20070601 MX 2006PA11069 20061211 NO 2006005043 20061208 US 2007197557 PRIORITY APPLN. INFO.: 20070823 DE 2005-102005011582A 20050310 WO 2005-EP5068 W 20050511 OTHER SOURCE(S): MARPAT 143:473903
IT 869731-85-1 869731-86-2 869731-87-3
869731-88-4 869731-89-5
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) L11 ANSWER 69 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 2 CM CRN 214706-53-3 CMF C17 H15 C1 F3 N5 RN 869731-87-3 CAPLUS 2H-1,3-Benzoxazine-2,4(3H)-dione, 3-butyl-6-iodo-, 2-(O-ethyloxime), with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 476304-72-0 CMF C14 H17 I N2 O3 CM 2

L11 ANSWER 69 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (synergistic fungicide mixt.)
RN 869731-85-1 CAPLUS 869/31-05-1 CAPLOS 4(3H)-Quinazolinone, 6-iodo-2-propoxy-3-propyl-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5 CM 2 189278-12-4 C14 H17 I N2 O2 OPr-n 869731-86-2 CAPLUS 869731-86-2 CAPLUS 2H-1, 3-Benzoxazine-2,4(3H)-dione, 6-iodo-3-propyl-, 2-(O-methyloxime), mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CRN 476304-66-2 CMF C12 H13 I N2 O3

L11 ANSWER 69 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

869731-88-4 CAPLUS 2H-1,3-Benzoxazine-2,4(3H)-dione,6-iodo-3-propyl-,2-(O-ethyloxime),mixt.with5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 476304-68-4 CMF C13 H15 I N2 O3

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

869731-89-5 CAPLUS 2H-1,3-Benzoxazine-2,4(3H)-dione, 6-iodo-3-propyl-, 2-(0-propyloxime), mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-

L11 ANSWER 69 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 476304-70-8 CMF C14 H17 I N2 O3

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

IT

214706-53-3D, mixts. containing
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicide mixts.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

ACCESSION NUMBER:

DOCUMENT NUMBER:

ANSWER 70 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2005:1242369 CAPLUS

143:473902

Synergistic fungicidal composition comprising a triazolopyrimidine derivative and procymidone Tonno i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

ENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany PCT Int. Appl., 20 pp.

CODEN: PTXND2

Patent

GGAGE:

GLY ACC. NUM. COUNT: 1

ENTI INFORMATION:

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| Mark | PATENT NO. KIND DATE WO 2005110087 CU, CE, GH, GM, HR, NO, LC, LK, LR, LS, LT, LU, LV, MA, NO, NG, NI, NO, NZ, CM, PG, PH, PL, PT, RO, RU, SC, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, AZ, ZM, ZM, ZW

: BM, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, RO, SE, ST, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GM, ML, MZ, RS, TD, TG

SZ44419

A1 20051124

AU 2005-244419

A1 200510131

EF 2005-740652

20050511

BF, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, TE, TM, NC, NL, PL, TT, RO, SE, SI, SK, TR, LV

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"MC, NL, PL, FT, RO, SE, SI, SK, TR, LV

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"MC, NL, PT, RO, SE, SI, SK, TR, LV

"MC, NL, PT, RO, SE, SI, SK, TR, LV

"MC, NL, PT, RO, SE, SI, SK, TR, LV

"MC, NL, PT, RO, SE, SI, SK, TR, LV

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"MC, NL, PT, RO, SE, SI, SK, TR, LV

"MC, NL, PT, RO, SE, SI, SK, TR, LV

"MC, NL, PT, RO, SE, SI, SK, TR, LV

"MC, NL, PT, RO, SE, SI, SK, TR, LV

"MC, NL, PT, RO, SE, SI, SK, RW: AU 2005244419 CA 2562227 EP 1746890

EP 1746890 A1 20070131 EP 2005-740652 20050511
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
15, IT, LI, LU, MC, NL, PL, FT, RO, SE, SI, SK, TR, LV
CN 1953663 A 20070425 CN 2005-80015372 20050511
BR 2005010191 A 20070425 CN 2005-80015372 20050511
JF 2007537190 T 20071020 JF 2007-512072 20050511
IN 2006N002823 A 200701061 IN 2006-NN2823 20060927
KX 2006PA11510 A 20070116 MX 2006-FNN2823 2006103
NO 2006005083 A 20061208 NO 2006-5083 20061103 US 2006-579952 20061109 DE 2004-102004024192A 20040513 US 2007259897 PRIORITY APPLN. INFO.: A1 20071108

WO 2005-EP5067 W 20050511

IT 869491-21-4
R1: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
RN 869491-21-4 CAPLUS
CN 3-Azabicyclo[3.1.0] hexane-2, 4-dione,
3-(3,5-dichlorophenyl)-1,5-dimethyl-,
mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 214706-53-3

L11 ANSWER 69 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

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 \mathbb{R}^3
 \mathbb{R}^3
 \mathbb{R}^3
 \mathbb{R}^2
 \mathbb{R}^3

The title fungicide mixts. contain 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and I (h = 0 or h; h = N or direct bond; h = C or h; h = h = h[h] h = h2 = h3 = h3 = h4 = h3 = h4 = h3 = h4 = h5 = h5 = h6 = h6 = h6 = h7 = h8 = h8 = h8 = h8 = h8 = h8 = h9 AB

L11 ANSWER 70 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C17 H15 C1 F3 N5 (Continued)

2 CM

32809-16-8 C13 H11 C12 N O2

AB Synergistic fungicidal compns. comprise 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and procymidone. A method for controlling pathogenic fungi using the compds. (I) and (II) mixts., the use the compds. (I) and (II) for producing such mixts. and agents containing said mixts. are also disclosed.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

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L11 ANSWER 71 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:1200331 CAPLUS DOCUMENT NUMBER: 143:434119
                                                                                                         143:434119
Synesgistic fungicide mixture comprising a triazolopyrimidine derivative and iprodione Tormo i Blasco, Jordi, Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
TITLE:
INVENTOR(S):
                                                                                                          Ulrich
Basf Aktiengesellschaft, Germany
PCT Int. Appl., 14 pp.
CODEN: PIXXD2
Patent
PATENT ASSIGNEE(S):
DOCUMENT TYPE:
 DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                    PATENT NO.
                                                                                                           KIND
                                                                                                                                      DATE
                                                                                                                                                                                          APPLICATION NO.
                                                                                                                                                                                                                                                                                              DATE
                   | No. 
                     AU 2005237220
CA 2558933
CN 1949978
EP 1819228
                    AU 2005237220 A1 20051110 AU 2005-237220 20050415 CA 255933 A1 20051110 CA 2005-255933 20050415 CN 1949978 A 20070418 CN 2005-80013614 20050415 EP 1819228 A2 20070418 CP 2005-80013614 20050415 R: AT, BE, BG, CH, CLY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, FT, RO, SE, SI, SK, TR, LV BR 200509388 A 20070918 R 20059388 20050415 JP 2007534711 T 20071029 JP 2007-509917 20050415 NX 2006PA10845 A 20070918 NX 2006-PA10845 20060922 NX 2006PA10845 A 20070918 NX 2006-PA10845 20060922 NX 2006005049 A 2007019 US 2006-5049 20061102 KR 2007004997 A 20070199 W R 2006-50489 20061102
                                                                                                                                                                                          NO 2006-5049 20061102

KR 2006-724689 20061124

DE 2004-102004020769A 20040427
KR 2007004997
PRIORITY APPLN. INFO.:
                                                                                                                                       20070109
                                                                                                                                                                                         WO 2005-EP3995
                                                                                                                                                                                                                                                                              W 20050415
тт
                    REFORM PRICE (Uses) BIOL (Biological study); USES (Uses) (synergistic fungicide mixture) 868566-99-8 CAPLUS 1-Imidazolidinecarboxamide, 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-
               ANSWER 72 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ESSION NUMBER: 2005:1200305 CAPLUS

IMENT NUMBER: 14343434

ENTOR(S): Synergistic fungicidal mixture comprising a triazolopyrimidine derivative and pyrifenox Torno i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

ENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany PCT Int. Appl., 19 pp.

CODEN: PIXXD2

Patent
SUAGE: German

ELY ACC. NUM. COUNT: 1

ENT INFORMATION:
ACCESSION NUMBER:
  DOCUMENT NUMBER:
INVENTOR(S):
PATENT ASSIGNEE(S):
 DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                                                  PATENT NO.
                      WO 2005104849
                                                      ZM, ZW
BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FT, FR, GB, GR, HU, IE, IS, TT, LT, LU, MC, NL, PL, DK,
RO, SE, SI, SK, TE, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG
237221 A1 20051110 AV 2005-237221 20050415
                                      RW:
                      AU 2005237221
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                                                                                                                                                                                         CA 2005-2559245
CN 2005-80013615
BR 2005-9093
EP 2005-732318
                      CA 2559245
CN 1949972
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                     BR 2005009093
EP 1858329
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                                                    AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PI, PT, RO, SE, SI, SK, TR, HR, LV,
                                                                                                                                                                                         JP 2007-509918 20050415
IN 2006-RN2460 20060829
MX 2006-PA11000 20060926
US 2006-587939 20061027
NO 2006-5056 20061102
ER 2006-724688 200611124
DE 2004-102004020846A 2004427
                     JP 2007534712
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                      IN 2006KN02460
MX 2006PA11000
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20061211
                      US 2007232625
NO 2006005056
                                                                                                                                        20071004
20061121
KR 2007007948
PRIORITY APPLN. INFO.:
                                                                                                                                                                                          WO 2005-EP3997
                                                                                                                                                                                                                                                                   W 20050415
                     868567-05-9
RI: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture)
868567-05-9 CAPLUS
Ethanone, 1-(2,4-dichlorophenyl)-2-(3-pyridinyl)-, O-methyloxime, mixt.
with 5-chloro-7-(4-methyl-1-pjeridinyl)-6-(2,4,6-
trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)
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L11 ANSWER 71 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3

CMF C17 H15 C1 F3 N5

Me

F C1 C13 H13 C12 N3 03

CNF C13 H13 C12 N3 03

AB A synergistic fungicide mixture comprises 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and iprodione. The mixture is especially useful to control Drechslera.

L11 ANSWER 72 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 214706-53-3 CMF C17 B15 C1 F3 N5

CM 2

CRN 88283-41-4 CMF C14 H12 C12 N2 O

MeO-N CH₂-C

AB A synergistic fungicidal mixture comprises
5-chloro-7-(4-methylpiperidin-1y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and
pyrifenox. The mixts. are especially useful against Alternaria.

REFERENCE COUNT: 6 THESE ARE 6 CITHED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 73 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:1196027 CAPLUS DOCUMENT NUMBER: 143:434112

TITLE:

143:434112
Synergiatic fungicidal mixtures containing sulfamoyl compounds
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Sleefried; Schoefl, Ulrich; Gewehr, Markus; Mueller, Bernd; Suarez-Cervieri, Miguel Octavio; Niedenbrueck, Marthiax INVENTOR(S):

PATENT ASSIGNEE(S):

Suarez-Cervieri, Miguel Octavio; Matthias Basf Aktiengesellschaft, Germany PCT Int. Appl., 43 pp. CODEN: FIXXD2 Patent German 1

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| wo | 2005 | 1048. | 47 | | A1 20051110 | | | | WO. | 2005- | | 20050423 | | | | | |
|------|------|-------|------|-----|-------------|-----|------|------|-----|-------|-------|----------|----------|-------|------|------|-----|
| | W: | | | | | | | | | | . BG. | | | | | | |
| | | | | | | | | | | | , EC, | | | | | | |
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| | | | | | | | | | | | , MG, | | | | | | |
| | | NI. | NO. | NZ. | OM. | PG. | PH. | PL. | PT. | RC | RU. | SC. | SD. | SE. | SG. | SK. | SL. |
| | | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA | , UG, | US, | UZ, | VC, | VN, | YU, | ZA, |
| | | ZM, | ZW | | | | | | | | | | | | | | |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS | , IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG | , CI, | CM, | GA, | GN, | GQ, | GW, | ML, |
| | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | |
| ΑU | 2005 | 2372 | 35 | | A1 | | 2005 | 1110 | | AU | 2005- | | 20050423 | | | | |
| CA | 2560 | 341 | | | A1 | | 2005 | 1110 | | CA | 2005- | | 20050423 | | | | |
| ΕP | 1744 | 629 | | | A1 | | 2007 | 0124 | | EP | 2005- | 7340 | 26 | | 21 | 0050 | 423 |
| | R: | | | | | | | | | | , ES, | | | | | HU, | IE, |
| | | IS, | IT, | LI, | LT, | LU, | MC, | NL, | PL, | PT | , RO, | SE, | SI, | SK, | TR | | |
| | 1949 | | | | A | | | | | | 2005- | | | | | | |
| | 2005 | | | | | | | 0828 | | | 2005- | | | | _ | 0050 | |
| | 2007 | | | | | | | | | | 2007- | | | | | 0050 | |
| | 2006 | | | | A | | | 0601 | | | 2006- | | | | | 0060 | |
| | 2007 | | | | A | | 2007 | 0124 | | | 2006- | | | | | | |
| ITI. | APP | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0402 | 17662 | 1 21 | 0040 | 430 |

DE 2004-102004025032A 20040518 WO 2005-EP4387 W 20050423

OTHER SOURCE(S): MARPAT 143:434112

K SOURCE(S): MARKAT 143:43:4112 868761-63-1 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal composition) 868761-63-1 CAPLUS

1H-1,2,4-Triazole-1-sulfonamide, N,N,5-trimethyl-3-[(3,5,6-tribromo-2-

L11 ANSWER 73 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

PRI

Synergistic fungicidal mixts. contain sulfamoyl compds. I (Rl = H, halo, cyano, alkyl, haloalkyl, alkoxy, alkylthio, alkoxycarbonyl, Ph, benzyl, formyl, or CH:NOA; A = H, alkyl, alkylcarbonyl; R2 = H, halo, cyano, alkyl, haloalkyl, alkoxycarbonyl; R3 = halo, cyano, nitro, alkyl, haloalkyl, alkoxy, alkylthio, alkoxycarbonyl, formyl, or CH:NOA; n = 0, AB

2, 3, or 4; R4 = H, halo, cyano, alkyl, or haloalkyl) and at least one active substance selected among azoles, strobilurine, acylalanine, amine derivs., anilinopyimidines, dicarboximides, cinnamides and analogs, dithiocarbamates, heterocyclic compds., sulfur and copper fungicides, nitrophenyl derivs., phenylpyrroles, sulfenic acid derivs., or other fungicides.

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCÉ COUNT:

FORMAT

L11 ANSWER 73 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) methyl-1H-indol-1-yl)sulfonyl]-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (3CI) (CA INDEX NAME)

CM 1

CRN 868761-62-0 CMF C14 H14 Br3 N5 O4 S2

2

IT

214706-53-3D, mixts. with sulfamoyl compds.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 74 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1171569 CAPLUS
DOCUMENT NUMBER: 143:401137
Synergistic fungicidal mixtures comprising a triazolopyrimidine derivative and spiroxamine
TOWNETION (S): Town I Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PTXND2
DOCUMENT TYPE: DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | KIND DATE | | | | | | | | | | DATE | | | |
|----------|---------------|------|------|-----------|-----|-----|------|------|--------------------------------|----|----------------|------|------|-------|-----|------|-----|
| | | | | | | | | | | | 2005- | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | ВВ | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KM, | KP, | KR, | KZ, |
| | | LC, | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD | , MG, | MK, | MN, | MW, | MX, | MZ, | NA, |
| | | NI, | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO | , RU, | SC, | SD, | SE, | SG, | SK, | SL, |
| | | SM, | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA | , UG, | US, | UZ, | VC, | VN, | YU, | ZA, |
| | | ZM, | ZW | | | | | | | | | | | | | | |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS | , IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | RO, | SE, | SI, | SK, | TR, | BF, | ΒJ, | CF, | CG | , CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | | | TD, | | | | | | | | | | | | |
| | AU 2005235415 | | | | | | | | | | | | | | | | |
| | CA 2559435 | | | | | | | | | | | | | | | | |
| | 1740 | | | | | | | | | EP | 2005- | 7336 | 32 | | 2 | 0050 | 415 |
| EP | 1740 | | | | | | | | | | | | | | | | |
| | R: | | | | | | | | | | , ES, | | | | | HU, | IE, |
| | | | | | | | | | | | , RO, | | | | | | |
| CN | 1942 | 098 | | | A | | 2007 | 0404 | | CN | 2005- 2005- | 3001 | 1669 | | 2 | 0050 | 415 |
| BR | 2005 | 0095 | 47 | | A | | 2007 | 0918 | | BR | 2005- | 9547 | | | 2 | 0050 | 415 |
| | 3739 | 56 | | | T | | 2007 | 1015 | | AT | 2005- | 7336 | 32 | | 2 | 0050 | 415 |
| | | | | | | | | | | | 2007- | | | | | | |
| | | | | | | | | | | | 2006- | | | | | | |
| | 2006 | | | | | | | | | | 2006- | | | | | 0060 | |
| | | | | | | | | | | | 2006- | | | | | | |
| | | | | | | | | | NO 2006-5041 KR 2006-724230 | | | | | | | | |
| | | | | | A | | 2007 | 0105 | | | | | | | | | |
| PRIORIT: | Y APP | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0401 | 99352 | A 2 | 0040 | 421 |
| | | | | | | | | | | wo | 2005- | EP40 | 02 | 1 | W 2 | 0050 | 415 |

867176-78-1
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
867176-78-1 CAPLUS
1,4-Dioxaspiro(4.5]decane-2-methanamine, 8-(1,1-dimethylethyl)-N-ethyl-N-propyl-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L11 ANSWER 74 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

118134-30-8 C18 H35 N O2

AB Synergistic fungicidal mixts. comprise 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine andspiroxamin

spiroxamin.
The mixts. are especially active against Puccinia recondita.
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 75 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 413615-35-7 CMF C15 H18 F N3 O3 S

Absolute stereochemistry.

2 CM

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

IT

214706-53-3D, mixts. with valine amides
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic funglicidal mixts.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 75 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER:
DOCUMENT NUMBER:
143:401136
Synergistic fungicidal mixtures comprising a triazolopyrimidine derivative and a valine amide triazolopyrimidine derivative and a valine amide triazolopyrimidine Strathmann, Siegfried; Schoefl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Niedembrueck, Matthias

PATENT ASSIGNEE(S):
BASF Aktiengssellschaft, Germany
CODEN: PIXXD2

DOCUMENT TYPE:
DOCUMENT TYPE:
COPEN: PIXXD2

ARMONIAGE:
German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | D3/ | PATENT NO. | | | | | | DAME | | | 3 D.D. | | TON | 270 | | DATE | | | |
|-----|---------|------------|------|------|-----|-----|-----|------|------|-----|--------|-------|------|------|-------|------|------|-----|--|
| | | | | | | | | | | | | DICKI | | | | | WIF | | |
| | | | | | | | | | | | | 2005- | | | | | | | |
| | W.C | | | | | | | | | | | , BG, | | | | | | | |
| | | | | | | | | | | | | , EC. | | | | | | | |
| | | | | | | | | | | | | , JP. | | | | | | | |
| | | | | | | | | | | | | MG. | | | | | | | |
| | | | | | | | | | | | | , RU, | | | | | | | |
| | | | | | | | | | | | | , UG, | | | | | | | |
| | | | ZM. | | , | , | , | , | , | , | | ,, | , | , | , | , | , | | |
| | | RW: | | | GM. | KE. | LS. | MW. | MZ. | NA. | SD | , SL, | SZ. | TZ. | UG. | ZM. | ZW. | AM. | |
| | | | | | | | | | | | | , BE, | | | | | | | |
| | | | | | | | | | | | | . IT. | | | | | | | |
| | | | RO. | SE. | SI. | SK. | TR. | BF. | BJ. | CF. | CG | , CI, | CM. | GA. | GN. | GO, | GW. | ML. | |
| | | | | | | TD, | | | | | | | | | | | | | |
| | CA | 2559 | 441 | | | A1 | | 2005 | 1103 | | CA | 2005- | 2559 | 441 | | 2 | 0050 | 415 | |
| | EP | EP 1740048 | | | | A1 | | 2007 | 0110 | | EP | 2005- | 7319 | 09 | | 2 | 0050 | 415 | |
| | | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE | , ES, | FI, | FR, | GB, | GR, | HU, | IE, | |
| | | | IS, | IT, | LI, | LT, | LU, | MC, | NL, | PL, | PT | , RO, | SE, | SI, | SK, | TR | | | |
| | | | | | | | | | | | | 2005- | | | | | | | |
| | BR | 2005 | 0095 | 48 | | A | | 2007 | 0918 | | BR | 2005- | 9548 | | | 2 | 0050 | 415 | |
| | JP | 2007 | 5336 | 79 | | T | | 2007 | 1122 | | JP | 2007- | 5087 | 98 | | 2 | 0050 | 415 | |
| | IN | 2006 | KN02 | 612 | | A | | 2007 | 0601 | | IN | 2006- | KN26 | 12 | | 2 | 0060 | 911 | |
| | | 2006 | | | | | | | | | | 2006- | | | | | | | |
| | US | 2007 | 1674 | 64 | | A1 | | 2007 | 0719 | | US | 2006- | 5871 | 30 | | 2 | 0061 | 020 | |
| | | 2006 | | | | | | | | | | 2006- | | | | | | | |
| | | 2007 | | | | A | | 2007 | 0105 | | | 2006- | | | | | | | |
| - 1 | PRIORIT | Y APP | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0401 | 99342 | A 2 | 0040 | 421 | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | WO. | 2005- | EP40 | 03 | 1 | W 2 | 0050 | 415 | |

L11 ANSWER 75 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Synergistic fungicidal compns. comprise 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and at least one valine amid derivative I, wherein A represents Ph, naphthyl or benzothiazolyl, which can be unsubstituted or substituted by Me or halogen, and R represents alkyl.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:1170890 CAPLUS DOCUMENT NUMBER: 143:401135 L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 867172-21-2 CAPLUS
CN [1,2,4]Triaxolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)-, mixt. with copper chloride oxide hydrate (9CI) 143:401135
Synergistic fungicidal mixtures containing a triazolopytimidine derivative and a copper salt. Tormo I Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich BASF Aktiengesellschaft, Germany FCT Int. Appl., 20 pp. CODEN: FIXD2
Patent
German TITLE: (CA INDEX NAME) INVENTOR(S): CM 1 PATENT ASSIGNEE(S): CRN 214706-53-3 CMF C17 H15 C1 F3 N5 DOCUMENT TYPE: DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE 1332-40-7 CMF Unspecified *** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 867172-22-3 CAPLUS
CN Carbonic acid, copper salt, mixt. with
5-chloro-7-(4-methyl-1-piperidinyl)6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA
INDEX
Name) A A T A A A NAME) UX 2006-PA10607 20060918 UX 2006-PA10607 20060918 UX 2006-587132 20061020 NO 2006-5044 20061102 UX 2006-724233 20061120 DE 2004-102004019933A 20040421 MX 2006PA10607 US 2007219238 NO 2006005044 20061215 CM 1 20070920 20061116 CRN 214706-53-3 CMF C17 H15 C1 F3 N5 KR 2007004106 PRIORITY APPLN. INFO.: 20070105 W 20050415 WO 2005-EP4001 867172-21-2 867172-22-3 867172-23-4 867172-24-5 867172-25-6 867172-26-7 867172-27-8 867172-28-9 867172-30-3 867172-31-4 867172-32-5 867172-33-6 867172-34-7 Ob/1/2-33-6 00/1/2-34-7 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal composition) L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CM 2 (Continued) CRN 20427-59-2 CMF Cu H2 O2 но— си— он 867172-24-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with copper oxide (9CI) (CA INDEX NAME) CM 1 214706-53-3 C17 H15 Cl F3 N5 7492-68-4 C H2 O3 . x Cu ●x Cu(x) $867172-23-4 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with copper hydroxide (Cu(OH)2) (9CI)$ CN (CA CM 2 INDEX NAME) CRN 1344-70-3 CM 1 CMF Unspecified CRN 214706-53-3 CMF C17 H15 C1 F3 N5 *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** Sections browns is Not without the Section of Section 18 Section 18 Section 18 Section 18 Section 19 Section 1 CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 6533-47-7 CMF C4 H6 Cu2 O5

AcO-Cu-O-Cu-OAc

867172-26-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with Bordeaux mixture (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 8011-63-0

L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 1333-22-8 CMF Cu . H O . O4 S CCI TIS

CM 3

CRN 14808-79-8 CMF 04 S

CM 4

CRN 14280-30-9 CMF H O

CM 5

CRN 7440-50-8 CMF Cu

Page 142

L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 867172-27-8 CAPLUS
(2, 4, 4)Triazolo [1, 5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2, 4, 6-trifluorophenyl)-, mixt. with copper(2+) sulfate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 7758-98-7 CMF Cu . H2 O4 S

• Cu(II)

867172-28-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with copper hydroxide sulfate (Cu4(OH)6(SO4)) (9CI) (CA INDEX NAME)

CM 1

L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 867172-29-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)-, mixt. with copper chloride hydroxide and copper
hydroxide sulfate (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 55200-89-0 CMF Cu . H O . O4 S CCI TIS

CM 3

CRN 14808-79-8 CMF 04 S

CM 4

CRN 14280-30-9 CMF H O

OH-

CM 5

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L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CRN 7440-50-8
CMF Cu
                                                                                                                                              L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
Cu
       CM 6
       CRN 51198-11-9
CMF Cl . Cu . H O
CCI TIS
               CM 7
                                                                                                                                                       CM 2
               CRN 22537-15-1
CMF Cl
                                                                                                                                                      CRN 1332-65-6
CMF C1 . Cu . H O
CCI TIS
                                                                                                                                                              CM 3
                                                                                                                                                              CRN 22537-15-1
CMF C1
               CRN 14280-30-9
CMF H O
                                                                                                                                              Cl
OH-
                                                                                                                                                              CM 4
                                                                                                                                                              CRN 14280-30-9
CMF H O
               CM 9
               CRN 7440-50-8
CMF Cu
                                                                                                                                              OH -
Cu
                                                                                                                                                              CM 5
       867172-30-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with copper chloride hydroxide (Cu2Cl(OH)3) (9Cl) (CA INDEX NAME)
                                                                                                                                                              CRN 7440-50-8
CMF Cu
                                                                                                                                              Cu
       CM 1
       CRN 214706-53-3
CMF C17 H15 C1 F3 N5
                                                                                                                                                      867172-31-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with hydrazine compd. with copper sulfate (CuH2(SO4)2) (2:1) (9CI) (CA INDEX NAME)
                                                                                            (Continued)
                                                                                                                                              L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN lo[1,5-a]pyrimidine (9C1) (CA INDEX NAME)
L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
                                                                                                                                                                                                                                             (Continued)
       CM 1
                                                                                                                                                      CM 1
       CRN 214706-53-3
CMF C17 H15 C1 F3 N5
                                                                                                                                                      CRN 214706-53-3
CMF C17 H15 C1 F3 N5
       CM 2
                                                                                                                                                      CM 2
       CRN 14729-82-9
CMF Cu . 2 H4 N2 . 2 H2 O4 S
                                                                                                                                                      CRN 10380-28-6
CMF C18 H12 Cu N2 O2
CCI CCS
               CM 3
               CRN 44120-46-9
CMF Cu . 2 H2 O4 S
●1/2 Cu(II)
                                                                                                                                                      867172-33-6 CAPLUS Copper, bis [2-(hydroxy-KO)[1,1'-biphenyl]-3-carboxylato-NO3]-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)
               CM 4
                CRN 302-01-2
CMF H4 N2
                                                                                                                                                       CM 1
                                                                                                                                                      CRN 214706-53-3
CMF C17 H15 C1 F3 N5
H2N-NH2
RN 867172-32-5 CAPLUS CN Copper, bis(8-quinolinolato-\kappaN1,\kappaO8)-, mixt. with
```

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo

L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

18918-16-6 C26 H18 Cu O6

CAPLUS

Copper, dichloro(dimethylcarbamodithioato)tri-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

ACCESSION NUMBER:

DOCUMENT NUMBER: TITLE:

INVENTOR(S):

ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2005:1106849 CAPLUS

UNENT NUMBER: 143:361642
Li: Synergistic ternary fungicidal mixtures

Synergistic ternary fungicidal mixtures

Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;

Stierl, Reinhard; Strathmann, Siegfried; Schoefl,

Ulrich

ENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

PCT Int. Appl., 38 pp.

CODEN: PTXD2

UMENIT TYPE: GERMAN

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE A1 20051013 WO 2005-EP3213 20050326 WO 2005094583 2005094583 A1 20051013 WO 2005-EP3213 20050326 W: AE, AG, AL, AM, AT, AU, AC, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HE, HU, ID, II, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NN, NI, NO, NZ, CM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GB, GN, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, FO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG MR, NE, SN, TD, TG
205227688 Al 20051013 AU 2005-227688 20050326
2558062 Al 20051013 CA 2005-2558062 20050326
1732388 Al 20061220 EP 2005-729121 20050326
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, MC, NL, PL, FT, RO, SE, SI, SK, TR, HR, LV, AU 2005227688 CA 2558062 EP 1732388 CN 2005-80010641 BR 2005-8965 JP 2007-505466 IN 2006-KN2365 MX 2006-PA9693 NO 2006-4923 CN 1937920 BR 2005008965 JP 2007537156 IN 2006KN02365 20070328 20050326 A A T A A 20070821 20071220 20050326 20050326 20070525 20060821 MX 2006PA09693 20061116 20060825 NO 2006004923 20061027 20061027 KR 2006-722407 20061027 DE 2004-102004016084A 20040330 KR 2007004068 PRIORITY APPLN. INFO.: 20070105 WO 2005-EP3213 W 20050326

866130-56-5 866130-57-6 866130-58-7 866130-59-8 866130-60-1 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic ternary fungicidal mixture) 866130-56-5 CAPLUS Carbanic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine and N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-1H-imidazole-1-carboxamide (9CI) (CA INDEX NAME)

L11 ANSWER 76 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 7076-63-3 CMF C3 H6 C12 Cu3 N S2 CCI CCS, MAN

STRUCTURE DIAGRAM IS NOT AVAILABLE ***
214706-53-3D, mixts. with copper salts
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

AB Synergistic fungicidal mixts. contain 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and a copper funcion

REFERENCE COUNT:

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CM 1 (Continued)

214706-53-3 C17 H15 C1 F3 N5

CM 2

175013-18-0 C19 H18 C1 N3 O4

CM

CRN 67747-09-5 CMF C15 H16 C13 N3 O2

L11 ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

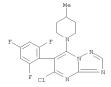
 $\begin{array}{lll} 866130-57-6 & \texttt{CAPLUS} \\ \texttt{Carbamic acid, } & [2-[[1-(4-\texttt{chlorophenyl})-1H-\texttt{pyrazol}-3-y1]\texttt{oxy}]\texttt{methyl}]\texttt{phenyl}]\texttt{methoxy-, methyl ester, mixt. with} \\ \end{array}$

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine and 5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

L11 ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



CRN 175013-18-0 CMF C19 H18 C1 N3 O4

CM 3

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

Relative stereochemistry.

866130-59-8 CAPLUS Carbamic acid, [2-[[[1-(4-chloropheny1)-lH-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with 2-chloro-N-(4'-chloro[1,1'-bipheny1]-2-yl)-3-pyridinecarboxamide and

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo Page 145

L11 ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CRN 175013-18-0 CMF C19 H18 C1 N3 O4 (Continued)

125116-23-6 C17 H22 C1 N3 O

866130-58-7 CAPLUS Carbamic acid, [2-[[1-(4-chloropheny1)-1H-pyrazol-3-y1]oxy]methy1]pheny1]methoxy-, methy1 ester, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine and rel-1-[[(2R,38)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) (Continued)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 188425-85-6 CMF C18 H12 C12 N2 O

CM

CRN 175013-18-0 CMF C19 H18 C1 N3 O4

866130-60-1 CAPLUS Benzeneacetamide, α -(methoxyimino)-2-[(3E,5E,6E)-5-(methoxyimino)-4,6-dimethyl-2,8-dioxa-3,7-diazanona-3,6-dien-1-yl]-N-methyl-,

L11 ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (ContinueZ)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and rel-1-[[(2R,3S)-3-(2chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI)
(CA INDEX NAME)

CM 1

CRN 248593-16-0 CMF C18 H25 N5 O5

Double bond geometry as shown.

CM

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

Relative stereochemistry.

WO 2005-EP4187

W 20050329

PATENT ASSIGNEE(S):

DOCUMENT TYPE:

| | | ENT I | | | | | | | | | | ICAT | | | | | ATE | |
|------|------|-------|------|------|-----|-----|-----|------|------|-----|------|-------|------|------|------|------|------|-----|
| | | 2005 | | | | | | | | | | 2005- | | | | | | |
| | WO | 2005 | 0954 | 35 | | A3 | | 2005 | 1222 | | | | | | | | | |
| | | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KΖ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, |
| | | | SY, | ТJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, |
| zw | | | | | | | | | | | | | | | | | | |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | | AZ, | BY, | KG, | KΖ, | MD, | RU, | ΤJ, | TM, | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS, | IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | | RO, | SE, | SI, | SK, | TR, | BF, | ΒJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | | | | TD, | | | | | | | | | | | | |
| | EP | 1735 | | | | | | | | | | | | | | | | |
| | | R: | | | | | | | | | | ES, | | | | | ΗU, | IE, |
| | | | | | | | | | | | | RO, | | | | | | |
| | | 1938 | | | | | | | | | | 2005- | | | | | | |
| | | 2005 | | | | | | | | | | | | | | | | |
| | | 2007 | | | | | | | | | | | | | | | | |
| | | 2007 | | | | A1 | | 2007 | 0621 | | | | | | | | | |
| PRIO | RITY | APP | LN. | INFO | . : | | | | | | DE 2 | 2004- | 1020 | 0401 | 6082 | A 21 | 0040 | 330 |

OTHER SOURCE(S): MARPAT 143:387055
TT 866789-78-8P 866789-80-2P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation);

(uses) (preparation of dichlorophenyltriazolopyrimidines as agrochem. fungicides) RN 866789-78-8 CAPLUS

L11 ANSWER 78 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1103782 CAPLUS
DOCUMENT NUMBER: 143:387055
TITLE: 6-(2,6-dichlorophenyl) Preparation of 6-(2,6-dichlorophenyl) Preparation of 8-(2,6-dichlorophenyl) Preparation of 9-(2,6-dichlorophenyl) Preparation of 8-(2,6-dichlorophenyl) Preparation of 9-(2,6-dichlorophenyl) Preparation of 8-(2,6-dichlorophenyl) Preparation of 8-(2,6-dichlorophen Maria; Strathmann, Siegfried; Schoefl, Ulrich;

Reinhard BASF Aktiengesellschaft, Germany; et al. PCT Int. Appl., 35 pp. CODEN: PIXXD2

Patent German 2 LANGUAGE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

L11 ANSWER 78 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,6-dichlorophenyl)-5-methoxy-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME) RN 866789-80-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,6-dichlorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME) 187233-76-7P

L11 ANSWER 77 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

Synergistic ternary fungicidal mixts. comprise 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine, a strobilurin derivative (pyraclostrobin or orysastrobin)

alpyrimidine, a strobilurin derivative (pyraclostrobin or orysastrobin) and a fungicide selected from acylalanines, amine derivs., anilinopyrimidines, antibiotics, azoles, dicarboximides, dithiocarbamates, copper fungicides, nitrophenyl derivs., phenylpyrroles, sulfenic acid derivs., cinnamic acid derivs. and their analogs and anilazine, benomyl, boscalid, carbendazim, carboxin, oxycarboxin, cyazofamid, dazomet, dithianon, famoxadone, fenamidone, fenarimol, fuberidazole, flutolanil, furametpyr, isoprothiolane, mepronil, nuarimol, picobenzamide, probenazole, proquinazid, pyrifenox, pyroquilon, quinoxyfen, silthiofam, thiabendazole,
thifluzamide, thiophanate-Me, tiadinil, tricyclazole, triforine, sulfur, acibenzolar-S-Me, benthiavalicarb, carpropamid, chlorothalonil, cyflufenamid, cymoxamil, dazomet, diclomezine, diclocymet, diethofencarb, edifemphos, ethaboxam, fenhexamid, fentin acetate, fenoxamil, ferimzone, fluarinam, phosphorous acid, fosetyl, fosetyl-aluminum, iprovalicarb, hexachlorobenzene, metrafenone, pencycuron, propamocarb, phthalide, tolclofos-Me, quintozene and zoxamideamt.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

(Continued)

FORMAT

RI: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of dichlorophenyltriazolopyrimidines as agrochem. fungicides)

lddes) 187233-76-7 CAPLUS 11,2,4|Triazolo[1,5-a]pyrimidine,5-chloro-6-(2,6-dichlorophenyl)-7-(2-methyl-1-pyrolidinyl)- (CA INDEX NAME)

L11 ANSWER 78 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Title compds. I [R1, R2 = H, alkyl, haloalkyl, etc.; X = alkyl, CN, alkoxy, etc.] were prepared For example, condensation of tetrabutylammonium cyanide and chloropyrimidine II (Z = Cl) afforded nitrile II (Z = CN).

cucumber sphaerotheca fuliginea protection assays, 2-examples of compds. at 250 ppm, exhibited 100% protection after 7-days.

L11 ANSWER 79 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 866790-85-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-pyrrolidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Title compds. I [R1 = alkyl, haloalkyl, (un)substituted cycloalkyl, etc.; R2 = H, alkyl with provisos; L1 = C1, F; L = H when L1 = F, F; X = alkyl] were prepared For example, condensation of chloropyrimidine II and (2R)-3-methyl-2-butanamine afforded triazolopyrimidine III. In cucumber sphaerotheoa fulliqueap protection assays, 3-examples of compds. I at 250 ppm, exhibited 100% protection after 7-days.

L11 ANSWER 79 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2005:1103781 CAPLUS DOCUMENT NUMBER: 143:387054 TITLE:

143:387054
Preparation of 6-(2-fluorophenyl)triazolopyrimidines as agrochemical fungicides
Blettner, Carsten; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Huenger, Udo; Mueller, Bernd; Niedenbrueck, Matthias; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver; Rack, Michael; Nave, Barbara; INVENTOR(S):

Scherer Maria; Strathmann, Siegfried; Schoefl, Ulrich;

Reinhard
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 31 pp.
CODEN: PIXXD2
Fatent
German 2 PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | FENT : | | | | | | | | | | LICAT | | | | | | |
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| | | | | | | | | | | | | 2005- | | | | | | |
| | WO | 2005 | 0954 | 04 | | A3 | | 2006 | 0406 | | | | | | | | | |
| | | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
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| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SM, |
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| W | | | | | | | | | | | | | | | | | | |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SI | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
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| | | | RO, | SE, | SI, | SK, | TR, | BF, | BJ, | CF, | CG | G, CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | | | | TD, | | | | | | | | | | | | |
| | EP | 1732 | 927 | | | A2 | | 2006 | 1220 | | EP | 2005- | 7163 | 87 | | 2 | 0050 | 326 |
| | | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EF | , ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | | | | | | | | | | | , RO, | | | | | | |
| | | | | | | | | | | | | 2005- | | | | | | |
| | | 2005008717 | | | | | | | | | | | | | | | 0050 | |
| | | | | | | | | | | | | 2007- | | | | | | |
| | | | | | | | | 2007 | 0906 | | | 2006- | | | | | | |
| PRIO | RIT: | APP: | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0401 | 6082 | A 2 | 0040 | 330 |
| | | | | | | | | | | | WO | 2005- | EP32 | 08 | 1 | W 2 | 0050 | 326 |

OTHER SOURCE(S): MARPAT 143:387054

IT 866790-85-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of fluorophenyltriazolopyrimidines as agrochem.

L11 ANSWER 80 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1103510 CAPLUS
DOCUMENT NUMBER: 143:341081
Synergistic fungicidal compositions comprising a triazolopyrimidine derivative and a phenylamidine derivative
INVENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Gewehr, Markus
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
FOT Int. Appl., 24 pp.
CODEN: FIXXD2
DOCUMENT TYPE: Patent
LANGUAGE.
German
FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | ENT | | | | | | DATE | | | | LICAT | | | | | ATE | |
|-----|-----|------|------|------|-----|-----|-----|------|------|-----|------|----------------|------|------|-------|-----|-------|-------|
| | | | | | | | | | | | | 2005- | | | | | 0050 | 317 |
| | | W: | ΑE, | AG, | AL, | AM, | ΑT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | | | | | | | | | | , MK, | | | | | | |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SM, |
| | | | SY, | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG | , US, | UΖ, | VC, | VN, | YU, | ZA, | ZM, |
| | | | | | | | | | | | | | | | | | | |
| | | RW: | | | | | | | | | | , SL, | | | | | | |
| | | | | | | | | | | | | , BE, | | | | | | |
| | | | | | | | | | | | | , IT, | | | | | | |
| | | | | | | | | BF, | BJ, | CF, | CG | , CI, | CM, | GA, | GN, | GQ, | GW, | ML, |
| | | 2005 | | NE, | | | | 2005 | 1017 | | 2.11 | 2005 | 2226 | 0.4 | | | 0050 | 212 |
| | | | | | | | | | | | | 2005- 2005- | | | | | | |
| | | | | | | | | | | | | 2005- | | | | | | |
| | | 1729 | | | | | | | | | LP | 2005- | 1101 | 31 | | 2 | 0030 | 3 I / |
| | LF | | | | | | | | | DK | FF | , ES, | EТ | FD | CB | CP | шп | TF |
| | | 11. | | TT | т т | TT | TIT | 3.60 | DIT | TOT | DT | DO. | CT | CT | CV | TTD | T T T | |
| | CN | 1933 | | , | , | Α, | 20, | 2007 | 0321 | , | CN | 2005- | 8000 | 9084 | 21.7 | 2 | 0050 | 317 |
| | | 3683 | | | | Т | | 2007 | 0815 | | AT | 2005- | 7161 | 51 | | 2 | 0050 | 317 |
| | BR | 2005 | 0086 | 76 | | | | | | | | 2005- | | | | | | |
| | | 2007 | | | | | | | | | | 2007- | | | | | | |
| | IN | 2006 | KN02 | 358 | | Α | | 2007 | 0525 | | IN | 2006- | KN23 | 58 | | 2 | 0060 | 821 |
| | | 2006 | | | | | | 2006 | | | MX | 2006- | PA95 | 70 | | 2 | 0060 | 823 |
| | US | 2007 | 1913 | 96 | | A1 | | 2007 | 0816 | | US | 2006- | 5913 | 42 | | 2 | 0060 | 831 |
| IOR | ITY | APP | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0401 | 42862 | A 2 | 0040 | 322 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | WO | 2005- | EP28 | 46 | 9 | W 2 | 0050 | 317 |

OTHER SOURCE(S): MARPAT 143:341081

HER SOURCE(S): MARPAT 143:341081
865879-38-5
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
1865879-38-5 CAPLUS
1 Methanimidamide,
-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]N,N-diethyl-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L11 ANSWER 80 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 287940-77-6 C23 H32 N2 O

CM 2

214706-53-3 C17 H15 C1 F3 N5

IT

214706-53-3D, mixts. with phenylamidine derivs.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergiatic fungicidal compns.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 80 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

Synergistic fungicidal compns. comprise 5-chloro-7- $\{4-methylpiperidin-1-y1\}$ -6- $\{2,4,6-trifluorophenyl\}$ - $\{1,2,4\}$ triazolo $\{1,5-a\}$ pyrimidine and a phenylamidine derivative I [R1, R4, R5 = alkyl, alkenyl or alkynyl; R2, AB

cyano, alkyl, alkenyl, alkynyl, alkoxy, alkoxyalkyl, benzyloxy or alkylcarbonyl; m = 0 or 1; A = bond, O, S, NH, CH2, OCH2, etc.; R6 = Ph

or 5- or 6-membered saturated, partially unsatd. or aromatic heterocycle, containing 1-4 heteroatoms (O, N or S)].

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

ANSWER 81 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ESSION NUMBER: 2005:1075571 CAPLUS

IMENT NUMBER: 143:320592

ENTOR(S): Synergistic fungicidal mixtures comprising a triazolopyrimidine derivative and an anilide.

ENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Gewehr, Markus

ENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany PCT Int. Appl., 23 pp.

CODEN: PIXXD2

Patent

SUAGE: German

ENT INFORMATION: ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE W0 2005092100 A1 20051006 W0 2005-EP3007 20050322
W1 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BM, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, CM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
SY, TJ, IM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, RN: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2005226883 A1 20051006 AU 2005-226883 20050322 CA 2558345 20050322 CP 1732389 A1 20061020 EP 2005-730057 20050322 EP 1732389 A1 20061020 EP 2005-730057 20050322 AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR, LV, CN 2005-80009200 CN 1933731 20050322 20070321 A A T A BR 2005008683 JP 2007530483 IN 2006KN02357 20070821 BR 2005-8683 JP 2007-504336 IN 2006-KN2357 MX 2006-PA9569 20050322 20071101 20070525 20060821 20061113 MX 2006PA09569 20060823 NO 2006004835 PRIORITY APPLN. INFO.: 20061025 NO 2006-4835 20061025 DE 2004-102004015397A 20040326

WO 2005-EP3007

W 20050322

CM 1

ZW

YU

Page 148

L11 ANSWER 81 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

2 CM

183675-82-3 C16 H20 F3 N3 O S

RN

214706-53-3D, mixts. with anilides
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic funglicidal mixts.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 81 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) GI

$$A_{r}$$
 - CO- NH Q , R

Synergistic fungicidal mixts. comprise

AB Synergistic fungicidal mixts. comprise
5-chloro-7-(4-methylpiperidin-1-yl)6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and an anilide
I [Ar = Ph or a 5- or 6-membered (un)substituted heterocyclyl; R = Ph,
alkyl, haloalkyl, alkoxy; Q = H, alkyl, haloalkyl, alkoxyl, haloalkoxyl.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

RN: BN, GH, GN, KE, LS, MN, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, KU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, FL, FT, RO, SE, SI, SK, TR, BF, BJ, CF, GG, CI, CM, GA, GN, GQ, GW, ML, ML, MR, NE, SN, TD, TG
AU 2005224003 A1 20050929 AU 2005-2258009 20050315
CA 2558009 A1 20050929 CA 2005-2558009 20050315
EP 1727429 A1 20061206 EP 2005-716064 20050315
EP 1727429 B1 20070822
EP 1727429 B1 20070822
ER AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE. R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, HR, LV, YU CN 2005-80008175 BR 2005-8720 AT 2005-716064 JP 2007-503270 MX 2006-PA9773 CN 1929740 BR 2005008720 AT 370657 JP 2007529452 20070314 20070807 20070915 20050315 20071025 20050315 MX 2006PA09773 IN 2006KN02462 20061116 20060828 20070525 IN 2006-KN2462 20060829 A1 US 2007203158 NO 2006004445 20070830 US 2006-592082 20060907 20061013 NO 2006-4445 DE 2004-102004013396A 20040317 PRIORITY APPLN. INFO.: WO 2005-EP2730 W 20050315

IT

ACCESSION NUMBER:

DOCUMENT NUMBER:

INVENTOR(S):

TITLE:

864662-27-1 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicide mixture) 864662-27-1 (APLUS Benzeneacetic acid, α -(methoxymethylene)-2-[[[6-(trifluoromethyl)-2-

L11 ANSWER 82 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) pyridinyl]oxy]methyl]-, methyl ester, (α E)-, mixt. with

chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 117428-22-5 CMF C18 H16 F3 N O4

Double bond geometry as shown.

AB A synergistic fungicide mixture comprises
5-chloro-7-(4-methylpiperidin-1yl)-6-(2,4,6-trifluorophenyl)-(1,2,4|triazolo[1,5-a]pyrimidine and
picoxystrobin. The mixture is especially active against Comycete.
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

PATENT NO. KIND DATE APPLICATION NO. A1 20050929 WO 2005-EP2686 20050314 WO 2005089554 2005099554 A1 20050929 WO 2005-EP2686 20050314 W: AE, AG, AL, AM, AT, AU, AG, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GB, GE, GH, GM, HR, HU, ID, II, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, CM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, BU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG 20050929 CA 2558007 EP 1734824 A1 20061227 EP 2005-716031 20050314 EP 1734824 A1 20061227 EP 2005-716031 20050314 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LIT, LU, MC, NL, PL, FT, RO, SE, SI, SK, TR, LV CN 1929739 A 20070314 CN 2005-80007506 20050314 BR 2005008669 A 20070814 BR 2005-8669 20050314 JP 2007529449 T 20071025 JP 20075-503264 20050314 JN 2006KN02289 A 20070525 IN 2006-NN2289 20060810 MX 2006F009138 A 20061110 MX 2006F-008138 20060811 NO 2006004169 A 20061013 NO 2006-4169 20060914 DE 2004-102004012749A 20040315 PRIORITY APPLN. INFO.:

WO 2005-EP2686

W 20050314

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

Page 149

Synergistic immigrate mixture of a triazolopyrimidine derivative and picoxystrobin Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 19 pp.
CODEN: PIXXD2
Patent PATENT ASSIGNEE(S): DOCUMENT TYPE. LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. W0 2005089555 A1 20050929 W0 2005-EF2730 20050315
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BM, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EZ, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, II, IN, IS, JF, KE, KG, KF, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, CM, PG, PH, FL, FT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,

L11 ANSWER 82 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2005:1042011 CAPLUS 143:300739

143:300/39 Synergistic fungicide mixture of a triazolopyrimidine

L11 ANSWER 83 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:1042010 CAPLUS

ACCESSION NUMBER: DOCUMENT NUMBER:

143:300738 Synergistic fungicidal mixture of a

triazolopyrimidine

derivative and tolylfluanid
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;
Stierl, Reinhard; Strathmann, Siegfried; Schoefl,
Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 21 pp.
CODEN: PIXXD2
Patent
German
1 INVENTOR(S):

PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

L11 ANSWER 83 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 731-27-1 CMF C10 H13 C12 F N2 O2 S2

Me2N-F-CC12-S-

A synergistic fungicidal mixture comprises

AB A synergistic fungicidal mixture comprises
5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and tolylfluanid.
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FO

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 84 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CRN 214706-53-3 CMF C17 H15 C1 F3 N5 (Continued)

CM

CRN 50471-44-8 CMF C12 H9 C12 N O3

AB Synergistic fungicidal mixts. rice comprises
5-chloro-7-(4-methylpiperidin1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and
vinclozolin. Pyricularia oryzae is a target.
REFERENCE COUNT:
8 TERER ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 84 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1042009 CAPLUS
DOCUMENT NUMBER: 143:300737
TITLE: Symergistic fungicidal mixture for rice comprising a triazolopyrimidine derivative and vinclozolin
TOTRO i Blacco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 23 pp. CODEN: PIXXD2 Patent PATENT ASSIGNEE(S):

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

DOCUMENT TYPE:

| | PA' | TENT | NO. | | | KIN | | DATE | | | | PLICA | | | | | ATE | |
|------|------|-------|------|------|-----|-----|-----|------|------|-----|----|--------|-------|------|-------|-----|------|-----|
| | WO | 2005 | 0895 | 53 | | | | | | | | | | | | | 0050 | 314 |
| | | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BI | BG, BG | , BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | D2 | E, EC | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP | , KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MO | G, MK | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | J, SC | , SD, | SE, | SG, | SK, | SL, | SM, |
| | | | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UC | , US | , UZ, | VC, | VN, | YU, | ZA, | ZM, |
| ZW | | | | | | | | | | | | | | | | | | |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MΖ, | NA, | SI | , SL | , SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | | | | | | | | | | | r, BE | | | | | | |
| | | | | | | | | | | | | , IT | | | | | | |
| | | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CC | G, CI | , CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | | | | TD, | | | | | | | | | | | | |
| | | 2558 | | | | | | | | | | 2005 | | | | | | |
| | EP | 1727 | | | | | | | | | | | | | | | | |
| | | R: | | | | | | | | | | E, ES | | | | | | IE, |
| | | | | | | | | | | | | r, Ro | | | | | | |
| | | 1929 | | | | A | | | | | | 2005 | | | | | | |
| | | 2005 | | | | | | | | | | 2005 | | | | | | |
| | | 2007 | | | | | | | | | | 2007 | | | | _ | | |
| | | 2006 | | | | | | | 0525 | | | 2006 | | | | _ | | |
| | | 2006 | | | | | | | 1113 | | | 2006 | | | | | | |
| | | 2006 | | | | A | | 2006 | 0928 | | | 2006 | | | | | 0060 | |
| PRIO | RIT: | Y APP | LN. | INFO | . : | | | | | | DE | 2004 | -1020 | 0401 | 2750. | A 2 | 0040 | 315 |
| | | | | | | | | | | | wo | 2005 | -EP26 | 83 | | W 2 | 0050 | 314 |

IT

864662-31-7
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture)
864662-31-7 CAPLUS
2,4-Oxazolidinedione, 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

L11 ANSWER 85 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:1042001 CAPLUS
DOCUMENT NUMBER: 143:300734
Synergistic fungicidal mixture comprising a triazolopyrimidine derivative and thiophanate-methyl
TOWNOTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;
Stierl, Reinhard; Strathmann, Siegfried; Schoefl,
Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
FOT Int. Appl., 15 pp.
CODEN: PIXMD2
DOCUMENT TYPE: CODEN: PIXMD2
DATENT INFORMATION:
PAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | PENT | | | | | | DATE | | | | PLICAT | | | | | ATE | |
|-----|-----|------|------|-----|-----|-----|-----|------|------|-----|-----|--------|------|------|-------|-----|-------|-----|
| | | 2005 | | | | | | | | | | 2005- | | | | | | |
| | WO | 2005 | 0895 | 42 | | A3 | | 2005 | 1222 | | | | | | | | | |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BI | 3, BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | D2 | E, EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | | | | | | | | | | S, JP, | | | | | | |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MO | G, MK, | MN, | MW, | MX, | ΜZ, | NA, | NI, |
| | | | | | | | | | | | | J, SC, | | | | | | |
| | | | SY, | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UC | G, US, | UZ, | VC, | VN, | YU, | ZA, | ZM, |
| W | | | | | | | | | | | | | | | | | | |
| | | RW: | | | | | | | | | | , SL, | | | | | | |
| | | | | | | | | | | | | Γ, BE, | | | | | | |
| | | | | | | | | | | | | 5, IT, | | | | | | |
| | | | | | | | | BF, | BJ, | CF, | CC | G, CI, | CM, | GA, | GN, | GQ, | GW, | ML, |
| | | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | |
| | AU | 2558 | 2239 | 99 | | AI | | 2005 | 0929 | | AU | 2005- | 2239 | 99 | | 2 | 0050 | 314 |
| | | | | | | | | | | | | 2005- | | | | | | |
| | | | | | | | | | | | | 2003- | | | | | | |
| | | D. i | | | | | | | | | | r, RO, | | | | | | |
| | CM | 1921 | | | | | | | | | | 2005- | | | | | | |
| | DD. | 2005 | 0086 | 82 | | 2 | | 2007 | 0220 | | BB | 2005- | 8682 | 5005 | | 2 | 0050 | 31/ |
| | .TD | 2003 | 5294 | 18 | | T | | 2007 | 1025 | | .TD | 2007- | 5032 | 63 | | 2 | 0050 | 31/ |
| | | 2006 | | | | | | | | | | 2006- | | | | | | |
| | | 2006 | | | | | | 2006 | | | | 2006- | | | | | | |
| | | 2006 | | | | | | | | | | 2006- | | | | | | |
| | NO | 2006 | 0041 | 68 | | A | | 2006 | 0926 | | NO | 2006- | 4168 | | | 2 | 0060 | 914 |
| RIO | | APP | | | | | | | | | | 2004- | | | | | 0040 | 315 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | DE | 2004- | 1020 | 0401 | 20182 | a 2 | UU 40 | 310 |
| | | | | | | | | | | | WO | 2005- | EP26 | 84 | 1 | W 2 | 0050 | 314 |

864523-39-7
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture)
864523-39-7 CAPLUS
Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl

ester,
mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L11 ANSWER 85 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 C17 H15 C1 F3 N5

2

CRN 23564-05-8 CMF C12 H14 N4 O4 S2

AB Synergistic fungicidal mixts. comprise
5-chloro-7-(4-methylpiperidin-1-yl)6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and
thiophanate-Me.

L11 ANSWER 86 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX N. (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM

CRN 60168-88-9 CMF C17 H12 C12 N2 O

AB Synergistic fungicide mixts. contain 5-chloro-7-(4-methylpyridin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine (I) and fenarimol

(II) in a weight ratio of 100:1 to 1:100. Thus, I + II at 16 + 16 ppm synergistically controlled Plasmopara viticola in grape.

REFERENCE COUNT: 7 THERE ARE 7 CITTED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 86 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:976908 CAPLUS

DOCUMENT NUMBER: 143:261855

Synergistic fungicide mixtures containing a triazolopyrimidine derivative and fenarimol

TOTOMO is Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: CODE: PIXXD2

DOCUMENT TYPE: Patent

LANKULAGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | ENT | | | | | | DATE | | | | LICAT | | | | | | |
|-----|-----|------|------|------|-----|-----|-----|------|------|-----|------|--------------|--------|------|-------|-----|--------|-----|
| | | | | | | | | | | | | 2005- | | | | | | |
| | | | | | | | | | | | | BG, | | | | | | |
| | | | | | | | | | | | | EC. | | | | | | |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SM, |
| | | | SY, | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, |
| Ĭ | | | | | | | | | | | | | | | | | | |
| | | RW: | | | | | | | | | | SL, | | | | | | |
| | | | | | | | | | | | | BE, | | | | | | |
| | | | | | | | | | | | | IT, | | | | | | |
| | | | | | | | | | ΒJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | | NE, | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 2005- | | | | | | |
| | | 2554 | | | | | | | | | | 2005- | | | | | 0050 | |
| | EP | | | | | | | | | | | 2005- ES. | | | | | | |
| | | P. : | | | | | | | | | | RO, | | | | | | |
| | | | 15, | 11, | шт, | ы, | LU, | MC, | NL, | FL, | P1, | RO, | SE, | 51, | SA, | IK, | HK, | LV, |
| | CN | 1917 | 766 | | | 2 | | 2007 | 0221 | | CM 3 | 2005- | ennn | 5013 | | 2 | 0050 | 219 |
| | | 2005 | | | | | | 2007 | | | | 2005- | | | | | | |
| | | 2007 | | | | | | 2007 | | | JP 2 | 2007- | 5001 | 20 | | 2 | 0050 | 219 |
| | IN | 2006 | KN02 | 030 | | A | | 2007 | 0518 | | | 2006- | | | | | 0060 | 719 |
| | | 2006 | | | | | | 2006 | 1019 | | MX 2 | 2006- | PA82 | 76 | | 2 | 0060 | 721 |
| | US | 2007 | 1616 | 52 | | A1 | | 2007 | 0712 | | | 2006- | | | | | 0060 | 731 |
| | NO | 2006 | 0040 | 05 | | A | | 2006 | 0915 | | NO 2 | 2006- | 4005 | | | 2 | 0060 | 906 |
| | KR | 2007 | 0078 | 05 | | A | | 2007 | 0116 | | KR 2 | 2006- | 7198 | 05 | | 2 | 0060 | 925 |
| RIC | RIT | APP | LN. | INFO | . : | | | | | | DE 2 | 2004- | 1020 | 0400 | 99382 | A 2 | 0040 | 226 |
| | | | | | | | | | | | | 2005- | en 1 7 | F 0 | | v 0 | 0050 | 210 |
| | | | | | | | | | | | WO 2 | 2005- | BF1/ | 00 | 1 | N Z | UU 5 U | 213 |

863664-36-2

803004-30-2 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (as synergistic fungicide) $863664-36-2 \quad \text{CAPLUS}$ 5-Pyrimidinemethanol, α -(2-chlorophenyl)- α -(4-chlorophenyl)-,

L11 ANSWER 87 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:976907 CAPLUS
DOCUMENT NUMBER: 143:261854
Synergistic fungicide mixtures containing triazolopyrimidine derivative and dichlofluanid for controlling rice pathogens
INVENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | | | LICAT | | | | | | |
|------|------|-------|------|------|-----|-----|-----|------|------|-----|----|-------|------|------|-------|-----|------|-------|
| | | | | | | | | | | | | 2005- | | | | | | |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | ВВ | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | | | | | | | | | | , SC, | | | | | | |
| | | | SY, | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG | , US, | UΖ, | VC, | VN, | YU, | ZA, | ZM, |
| ZW | | | | | | | | | | | | | | | | | | |
| | | RW: | | | | | | | | | | , SL, | | | | | | |
| | | | | | | | | | | | | , BE, | | | | | | |
| | | | | | | | | | | | | , IT, | | | | | | |
| | | | | | | TD. | | Br, | ы, | Cr, | CG | , CI, | CM, | GM, | GN, | UQ, | GW, | Pil., |
| | CP | 2554 | | | | | | 2005 | nana | | Ch | 2005- | 2554 | 430 | | 2 | 0050 | 21.0 |
| | | 1722 | | | | | | | | | | 2005- | | | | | | |
| | | | | | BG. | | | | | | | . ES. | | | | | | |
| | | | | | | | | | | | | . RO. | | | | | | , |
| | CIN | 1917 | 765 | | | A | | 2007 | 0221 | | CN | 2005- | 8000 | 4899 | | 2 | 0050 | 219 |
| | BR | 2005 | 0800 | 32 | | A | | 2007 | 0703 | | BR | 2005- | 8032 | | | 2 | 0050 | 219 |
| | JP | 2007 | 5239 | 33 | | T | | 2007 | 0823 | | JP | 2007- | 5001 | 19 | | 2 | 0050 | 219 |
| | IN | 20061 | KN02 | 032 | | A | | 2007 | 0518 | | IN | 2006- | KN20 | 32 | | 2 | 0060 | 719 |
| | | 2006 | | | | A | | 2006 | | | | 2006- | | | | | | |
| | | 2007 | | | | A1 | | | | | | 2006- | | | | | | |
| | | 2006 | | | | | | | | | | 2006- | | | | | | |
| | | 2007 | | | | A | | 2007 | 0116 | | | 2006- | | | | | 0060 | |
| PRIO | RITY | APP: | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0400 | 9941. | A 2 | 0040 | 226 |
| | | | | | | | | | | | WO | 2005- | EP17 | 57 | | w 2 | 0050 | 219 |

863659-81-8
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixts. for controlling rice pathogens) 863659-81-8 CAPLUS Methanesulfenamide, 1,1-dichloro-N-[(dimethylamino)sulfonyl]-1-fluoro-N-phenyl-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

L11 ANSWER 87 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

1085-98-9 C9 H11 Cl2 F N2 O2 S2

Fungicidal mixts. for controlling pathogenic fungi contain 5-chloro-7-(4-methylpyridin-1-yl)-6-(2,4,6-trifluorophenyl)- [1,2,4]triazolo[1,5-a]pyrimidine (I) and dichlofluanid (II) in a weight AB

ratio of 100:1 to 1:100. The invention also relates to methods for controlling plant pathogenic fungi using mixts. of I and II, to the use of compds. I and II for producing such mixts., and to agents containing said mixts. Thus,

I + II at 4 + 4 ppm synergistically controlled Corticium sasakii in rice.
ENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNT:

FORMAT

L11 ANSWER 88 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN a]pyrimidin-7-yl]-N,N-dimethyl- (CA INDEX NAME) (Continued)

863604-55-1 CAPLUS
Piperidine, 1-[[[5-chloro-6-(2,4,6-trichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]mino]methyl]- (9C1) (CA INDEX NAME)

863604-56-2 CAPLUS
Pyrrolidine, 1-[[[5-chloro-6-(2,4,6-trichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]mimo]methyl]- (9CI) (CA INDEX NAME)

863604-57-3 CAPLUS Acetamide, N-[5-chloro-6-(2,4,6-trichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 88 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2005:962261 CAPLUS ACCESSION NUMBER: DOCUMENT NUMBER: 143:266948

TITLE:

INVENTOR(S):

2005/98224 CAPLOS
2005/98224 CAPLOS
20143:266948
Preparation of azolopyrimidines as agrochemical
fungicides.
Schwoegler, Anja; Gewehr, Markus; Mueller, Bernd;
Grote, Thomas; Grammenos, Wassilios; Tormo i Blasco,
Jordi; Rheinheimer, Joachim; Blettner, Carsten;
Schaefer, Peter; Schieweck, Frank; Wagner, Oliver;
Stierl, Reinhard; Schoefl, Ulrich; Strathmann,
Siegfried; Scherer, Maria
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 96 pp.
CODEN: PIXXD2
Patent
German
1

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE W0 2005080396 A2 20050901 W0 2005-EP1965 20050224
W1: AR, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, CM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, SM

PRIORITY APPLN. INFO.:

WO 2005-EP1965 W 20050224

OTHER SOURCE(S):

R SOURCE(S): MARPAT 143:266948 863604-54-0P 863604-55-1P 863604-56-2P 863604-57-3P 863604-58-4P RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

HSES (Uses)

(preparation of azolopyrimidines as agrochem. fungicides)
RN 863604-54-0 CAPLUS
CN Methanimidamide,
N'-[5-chloro-6-(2,4,6-trichlorophenyl)[1,2,4]triazolo[1,5-

L11 ANSWER 88 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

863604-58-4 CAPLUS
Propanamide, N-[5-chloro-6-(2,4,6-trichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

IT 863604-59-5

863604-99-5 RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of azolopyrimidines as agrochem. fungicides) 863604-99-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trichlorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

■ HC1

GT

L11 ANSWER 88 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. [I; A = N, CR6; X, Y = bond, O, S, NR7; R1, R2 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, Ph, phenylalkyl, naphthylalkyl, (aromatic) heterocyclyl, heterocyclylalkyl, etc.; YR1, XR2 = H, cyano, NO2, halo, atoms to form (substituted) (heterocyclic) 5-7 membered rings, etc.; R3 = (substituted) alkyl, alkenyl, alkadienyl, alkynyl, cycloalkyl, cycloalkenyl, bicycloalkyl, Ph, phenylalkyl, naphthyl, (aromatic) heterocyclyl, beterocyclylalkyl, etc.; R4 = halo, cyano, alkyl, haloalkyl, alkenyl, alkynyl, cycloalkenyl, etc.; R5 = H, cyano, NO2, NH2, CH2NH2, halo, haloalkyl, alkyl, alkenyl, etc.; R5 = H, cyano, NO2, NH2, CH2NH2, halo, haloalkyl, alkyl, alkenyl, etc.; Nere prepared Thus, a -8° mixture of FOCI3 and DMF was treated with 7-amino-5-chloro-6-(2,4,6-trifluorophenyl)triazolo(1,5-a)pyrimidine hydrochloride in DMF and Et3N

give 66% I (YR1 = NMe2; XR2, R5 = H; R3 = 2,4,6-trifluorophenyl; R4 =

The latter at 250 ppm reduced incidence of Alternaria solani on tomatoes to $\leq\!1\text{\%},\ vs.\ 100\$ for untreated controls.

L11 ANSWER 89 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2005:891133 CAPLUS DOCUMENT NUMBER: 143:207619

TITLE:

143:207619
Synergistic fungicidal composition comprising a pyridylethylbenzamide derivative and a compound capable of inhibiting mitosis and cell division Gouot, Jean-Marie; Grosjean-Cournoyer, Marie-Claire Bayer Cropscience SA, Fr.
PCT Int. Appl., 18 pp.
CODEN: PIXXD2
Patent
FRIXD2
Fatent
FRIXD2
Fatent

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: English

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

INVENTOR(S):

| | | TENT : | | | | | | | | | | | | | | | | |
|------|------|--------|-----|------|-----|-----|-----|------|------|-----|------|------|------|-----|-----|-----|------|-----|
| | | 2005 | | | | | | | | | | | | | | | | |
| | | | | | | | | | AZ, | | | | | | | | | |
| | | | | | | | | | DK. | | | | | | | | | |
| | | | GE. | GH. | GM. | HR. | HU. | ID. | IL. | IN. | IS. | JP. | KE. | KG. | KP. | KR. | KZ. | LC |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI. |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY |
| | | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK. |
| | | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS, | IT, | LT, | LU, | MC, | NL, | PL, | PT. |
| | | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | |
| | EP | 1563 | 733 | | | A1 | | 2005 | 0817 | | EP 2 | 004- | 3560 | 18 | | 2 | 0040 | 212 |
| | | R: | ΑT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | IT, | LI, | LU, | NL, | SE, | MC, | PT. |
| | | | IE, | SI, | LT, | LV, | FI, | RO, | MK, | CY, | AL, | TR, | BG, | CZ, | EE, | HU, | SK | |
| | | 1713 | | | | | | | 1025 | | EP 2 | 005- | 7264 | 11 | | 2 | 0050 | 210 |
| | EP | 1713 | 336 | | | В1 | | 2007 | 0704 | | | | | | | | | |
| | | R: | | | | | | | FR, | | | | | | | | | PT, |
| | | | | | | | | | TR, | | | | | | | | | |
| | | 2007 | | | | | | 2007 | 0809 | | | | | | | | | |
| PRIO | RIT: | APP: | LN. | INFO | . : | | | | | | EP 2 | 004- | 3560 | 18 | | A 2 | 0040 | 212 |
| | | | | | | | | | | | US 2 | 004- | 6369 | 54P | | P 2 | 0041 | 217 |
| | | | | | | | | | | | WO 2 | 005- | EP25 | 65 | | w 2 | 0050 | 210 |

OTHER SOURCE(S): MARPAT 143:207619

F

R SOURCE(S): MARPAT 143:207619
214706-53-3D, mixts. with pyridylethylbenzamide derivs.
424824-18-9D, mixts. with pyridylethylbenzamide derivs.
424824-18-9D, mixts. with pyridylethylbenzamide derivs.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 89 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\label{eq:capprox} 424824-17-9 \quad \text{CAPLUS} \\ [1,2,4] \text{Triazolo} [1,5-a] \text{pyrimidin-}7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-}6-(2,4,6-trifluorophenyl)- \quad \text{(CA INDEX NAME)} \\$

Absolute stereochemistry.

424824-18-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

GI

L11 ANSWER 89 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB A composition comprising at least a pyridylethylbenzamide derivative I
(X = halo,
alkyl or haloalkyl; Y = X, alkenyl, alkynyl, alkoxy, amino, phenoxy,
etc.;
p = 1-4; q = 1-5) or a 2-pyridine N-oxide thereof, and a compound
capable of
inhibiting mitosis and cell division are synergistic fungicides. The
composition optionally further comprises an addnl. fungicide.
REFERENCE COUNT: 1 THERE ARE 1 CITTED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

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L11 ANSWER 90 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:888891 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 143:207616
                                                                                                                                                                        L11 ANSWER 90 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
                                               Synergistic fungicidal mixture containing a
TITLE:
                                                                                                                                                                                  CRN 214706-53-3
                                               Symenystic Impaction in matching containing a triazolopyrimidine derivative and flutolanil Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
                                                                                                                                                                                           C17 H15 C1 F3 N5
INVENTOR(S):
                                               BASF Aktiengesellschaft, Germany; Tormo I Blasco,
PATENT ASSIGNEE(S) .
                                              Jordi
PCT Int. Appl., 17 pp.
CODEN: PIXXD2
SOURCE
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                                                                                  APPLICATION NO.
         PATENT NO.
                                               KIND
                                                           DATE
       66332-96-5
C17 H16 F3 N O2
                                                                                                                                                                        AB Synergistic fungicidal mixture comprises
5-chloro-7-(4-methylpiperidin-1-yl)-
6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and
flutolanil.

THERE ARE 1 CITED REFERENCES AVAILABL
                                                                                                                                                                                  Synergistic fungicidal mixture comprises
                                                                                                                                                                                                                                 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
         NO 2006003961
                                                           20060905
                                                                                  NO 2006-3961 20060905
DE 2004-102004007743A 20040216
PRIORITY APPLN. INFO.:
                                                                                                                                                                         FORMAT
                                                                                  WO 2005-EP1430
                                                                                                                       W 20050212
IT
         862490-50-4
         oozay0-50-4
RI: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture)
862490-50-4 CAPLUS
         Benzamide, N-[3-(1-methylethoxy)phenyl]-2-(trifluoromethyl)-, mixt. with
5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)
                                                                                                                                                                       L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
861901-90-8P 861901-91-9P 861901-92-0P
861901-93-1P 861901-94-2P 861901-95-3P
861901-96-4P 861901-97-5P 861901-98-6P
861901-97-PP 861902-00-3P 861902-01-4P
861902-02-5P 861902-06-9P 861902-07-0P
861902-05-8P 861902-06-9P 861902-07-0P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
                                             APLUS COPYRIGHT 2008 ACS on STN 2005:696913 CAPLUS 143:194021 Preparation of 6-(5-halophenyl)triazolopyrimidines as fungicides Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schweegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard BASF Aktiengesellschaft, Germany PCT Int. Appl., 46 pp. CODEN: PIXXD2 Patent German 1
        ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:
 DOCUMENT NUMBER:
INVENTOR(S):
                                                                                                                                                                        USES
                                                                                                                                                                                   (Uses)
                                                                                                                                                                        (Uses) (Drepn. of 6-(5-halophenyl)triazolopyrimidines as fungicides)
RN 861901-69-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-dichlorophenyl)-N-
ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)
PATENT ASSIGNEE(S):
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
         PATENT NO.
                                              KIND
                                                         DATE
                                                                                  APPLICATION NO.
                                                                                                                             DATE
                      WO 2005070933
                RW:
                                                                                                                                                                                  861901-70-4 CAPLUS
                                                                                                                                                                                   [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)
         AU 2005206272
         CA 2552388
EP 1725557
EP 1725557
                                               A1
A1
B1
                                                           20050804
20050804
20061129
20070801
                                                                                  CA 2005-2552388
EP 2005-700961
                                                                                                                             20050115
20050115
        MX 2006PA07752
PRIORITY APPLN. INFO.:
                                                                                  DE 2004-102004051101A 20041019
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WO 2005-EP377 W 20050115

861901-71-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoropheny1)-N-(1-methylpropy1)- (CA INDEX NAME)

(Continued)

R SOURCE(S): MARPAT 143:194021 861901-69-1P 861901-70-4P 861901-71-5P 861901-72-6P 861901-73-7P 861901-74-8P 861901-75-9P 861901-76-0P 861901-77-1P 861901-78-2P 861901-79-3P 861901-80-6P 861901-81-7P 861901-82-8P 861901-83-9P 861901-84-0P 861901-85-1P 861901-88-2P 861901-87-3P 861901-88-4P 861901-89-5P

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

861901-72-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

 $861901-73-7 \quad CAPLUS \\ [1,2,4] Triazolo[1,5-a] pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-[(1R)-1-methylpropyl]- \quad (CA INDEX NAME)$

Absolute stereochemistry.

 $861901-74-8 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-(1,2-dimethylpropyl)- \quad (CA INDEX NAME)$

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

861901-78-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

861901-79-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoropheny1)-N-[(IR)-1,2,2-trimethylpropy1] (CA INDEX NAME)

Absolute stereochemistry.

861901-80-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

Absolute stereochemistry.

 $861901-77-1 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-(1,2,2-trimethylpropyl)- \quad (CA INDEX NAME)$

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

861901-81-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-8-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

 $861901-82-8 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- \quad (CA INDEX NAME)$

Absolute stereochemistry.

861901-83-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

861901-84-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

861901-85-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichloro-4-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Et} & \text{CH}_2 \\ & \text{N-CH}_2\text{-C-Me} \\ \\ \text{MeO} & \text{C1} & \text{N} \\ \\ \text{C1} & \text{N} & \text{N} \end{array}$$

861901-86-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

861901-87-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

861901-88-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

861901-89-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

861901-90-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

861901-91-9 CAPLUS [1,2,4]Triarolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-[(IR)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

861901-92-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

861901-93-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

861901-94-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

861901-95-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 861901-96-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-fluoro-4-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 861901-97-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-dichlorophenyl)-N(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 861901-98-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-dichlorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (1,2-dimethylpropyl)- (CA INDEX NAME)

RN 861902-02-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-dichlorophenyl)-N[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 861902-03-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-dichlorophenyl)-N(1-methylpropyl)- (CA INDEX NAME)

RN 861902-04-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichlorophenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

Page 157

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 861901-99-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichlorophenyl)-M-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 861902-00-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-dichlorophenyl)-N[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 861902-01-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-dichlorophenyl)-N-

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 861902-05-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 861902-06-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-dichlorophenyl)-N[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 861902-07-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-dichlorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 91 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. I [R1, R2 = H, alkyl, cycloalkyl, etc.; L1 = F, C1, Br; L2

H, alkyl, alkoxy; X = halo, CN, alkyl, etc.] were prepared F for example, aminoarom. substitution of 2-butylamine and chlorotriazolopyrimidine II

= Cl) afforded triazolopyrimidine II (Y = CH(Me)Et). In puccina

= C1) afforced triazolopyrimidate I - recondita

(triticina) protection assays, 13-examples of compds. I at 63 ppm, provided 85-90% protection.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 92 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 81412-43-3 CMF Unspecified CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

AB Synergistic fungicidal mixts. for control of rice pathogens comprise
5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and tridemorph.
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 92 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2005:696691 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 143:168100

TITLE:

143:168100 Synergistic fungicidal mixture for control of rice pathogens, comprising a triazolopyrimidine derivative and tridemorph Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl,

INVENTOR(S):

Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 22 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | ENT | | | | | | | | | | | | | | | ATE | |
|-------|------|------|-----|------|-----|-----|-----|------|------|-----|------|-------|------|------|-------|-----|------|-----|
| | | 2005 | | | | | | | | | | | | | | | 0050 | 115 |
| | | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH. |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD. |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC. |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY. |
| | | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK. |
| | | | | | | | | | HU, | | | | | | | | | |
| | | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | | | | TD, | | | | | | | | | | | | |
| | | 2005 | | | | | | | | | | | | | | | | |
| | | 2552 | | | | | | | | | | | | | | | | |
| | EP | 1722 | | | | | | | | | | | | | | | | |
| | | R: | | | | | | | DE, | | | | | | | | | |
| | | | IS, | IT, | LI, | LT, | LU, | MC, | NL, | PL, | PT, | RO, | SE, | SI, | SK, | TR, | HR, | LV, |
| U | | | | | | | | | | | | | | | | | | |
| | | 1909 | | | | A | | | 0207 | | | | | | | | | |
| | | 2005 | | | | | | | | | | | | | | | | |
| | | 2007 | | | | | | | | | | | | | | | | |
| | | 2006 | | | | | | | | | | | | | | | | |
| | | 2006 | | | | | | | | | | | | | | | | |
| | | 2006 | | | | | | 2006 | 0828 | | NO 2 | 006- | 3496 | | 4215. | . 2 | 0060 | 731 |
| PRIO. | KITI | APP. | LN. | TNEO | . : | | | | | | DE 2 | UU 4- | 1020 | 0400 | 4215. | A 2 | 0040 | 127 |
| | | | | | | | | | | | | | | | | | 0050 | |

860629-70-5

NEL AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture for control of rice pathogens,)
860629-70-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)-, mixt. with tridemorph (9CI) (CA INDEX NAME)

CM 1

L11 ANSWER 93 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:673052 CAPLUS
DOCUMENT NUMBER: 143:148211
Synergistic fungicide mixtures containing a triazolopyrimidine derivative and fluoxastrobin Torno i Blasco, Jordi; Grote, Thomas; Scheren, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PIXMD2
DOCUMENT TYPE: CODE: PIXMD2
DATENT THOROMATICN.
FAMILY ACC. NUM. COUNT: 6
FAMILY ACC. NUM. COUNT

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PA: | FENT | NO. | | | | | | | | | LICAT | | | | | ATE | |
|------|------|-------|------|------|-----|-----|-----|------|------|-----|----|----------------|------|------|------|-----|-------|-----|
| | WO | 2005 | 0677 | 16 | | | | | | | | 2005- | | | | | 0050 | 114 |
| | | | | | | | | | | | | , BG, | | | | | | |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GΕ, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KΡ, | KR, | ΚZ, | LC, |
| | | | | | | | | | | | | , MK, | | | | | | |
| | | | | | | | | | | | | , SC, | | | | | | |
| | | | | | | | | | | | | , UZ, | | | | | | |
| | | RW: | | | | | | | | | | , SL, | | | | | | |
| | | | | | | | | | | | | , BE, | | | | | | |
| | | | | | | | | | | | | , IT, | | | | | | |
| | | | | | | | | | ВJ, | CF, | CG | , CI, | CM, | GΑ, | GN, | GΩ, | G₩, | ML, |
| | | | | | | TD, | | | | | | | | | | | | |
| | | | | | | | | | | | | 2005- | | | | | | |
| | | | | | | | | | | | | 2005- 2005- | | | | | | |
| | EP | | | | | | | | | | | 2005- , IT, | | | | | | |
| | | K: | | | | | | | | | | , 11, | | | | | | |
| YU | | | IL, | 51, | ы, | LV, | rı, | RO, | CI, | IK, | БС | , 02, | EE, | но, | PL, | on, | HK, | 15, |
| 10 | CN | 1909 | 784 | | | a. | | 2007 | 0207 | | CN | 2005- | annn | 2592 | | 2 | 0050 | 114 |
| | | 2005 | | | | | | | | | | 2005- | | | | | | |
| | | 2007 | | | | | | | 0712 | | | 2006- | | | | | 0050 | |
| | | 1762 | | | | Ā | | 2007 | 0831 | | AP | 2006- | 3696 | | | 2 | 00.50 | 114 |
| | IN | 2006 | KN01 | 837 | | A | | 2007 | 0511 | | IN | 2006- | KN18 | 37 | | 2 | 0060 | 630 |
| | | | | | | | | | | | | 2006- | | | | | | |
| | MX | 2006 | PA07 | 650 | | A | | 2006 | 0904 | | MX | 2006- | PA76 | 50 | | 2 | 0060 | 703 |
| PRIO | RIT | / APP | LN. | INFO | . : | | | | | | DE | 2004- | 1020 | 0400 | 3053 | A 2 | 0040 | 120 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | DE | 2004- | 1020 | 0401 | 6084 | A 2 | 0040 | 330 |
| | | | | | | | | | | | WO | 2005- | EP31 | 3 | 1 | W 2 | 0050 | 114 |
| TT | 0.01 | 1205 | 026 | | | | | | | | | | | | | | | |

IT 860295-83-6
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixts. for controlling phytopathogenic fungi)
RN 860295-83-6 (APLUS
CN Methanone,
[2-[[6-(2-chlorophenoxy)-5-fluoro-4-pyximidiny1]oxy]pheny1](5,6-dihydro-1,4,2-dioxazin-3-y1)-, O-methyloxime, (IE)-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo

L11 ANSWER 93 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) (Continued)

CM 1

CRN 361377-29-9 CMF C21 H16 C1 F N4 O5

Double bond geometry as shown.

CM 2

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

Synergistic fungicide mixts. contain 5-chloro-7-(4-methylpyridin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine (I) and fluoxastrobin (II) in a weight ratio of 100:1 to 1:100. The mixts. are applied to soil or seeds to combat phytopathogenic fungi. Thus, I + II AB

4 + 16 ppm synergistically controlled Corticium sasakii in rice.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 94 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

2 CM

CRN 67306-00-7 CMF C19 H31 N

Synergistic fungicide mixts. contain 5-chloro-7-(4-methylpyridin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine (I) and fenpropidin (II) as active ingredients, in a weight ratio of 100:1 to AB 1:100

1:100. The invention also relates to methods for controlling pathogenic fungi, especially Comycetes. Thus, I + II at 16 + 16 ppm synergistically controlled

controlled
Plasmopara viticola in grape.
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 94 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2005:673051 CAPLUS DOCUMENT NUMBER: 143:148210

TITLE:

143:148210
Synergistic fungicide mixtures containing a triazolopyrimidine derivative and fenpropidin Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich INVENTOR(S):

Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 18 pp. CODEN: PIXXD2 Patent PATENT ASSIGNEE(S):

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

DOCUMENT TYPE:

| | TENT I | | | | | | | | | | ICAT | | | | | ATE | |
|----|--------|------|--------|-----|-----|-----|------|------|-----|------|-------|------|------|-------|-----|------|-----|
| | 2005 | | | | | | | | | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KΖ, | MD, | RU, | ТJ, | TM, | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | ΙE, | IS, | IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | | | | | | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | | | | TD, | | | | | | | | | | | | |
| | 2551 | | | | | | 2005 | | | | | | | | | | |
| EP | 1708 | | | | | | | | | | | | | | | | |
| | R: | | | | | | ES, | | | | | | | | | | |
| | | | | | | | RO, | | | | | | | | | | |
| | 1909 | | | | | | 2007 | | | | | | | | | | |
| BR | 2005 | 0068 | 40 | | A | | 2007 | 0612 | | BR 2 | 2005- | 6840 | | | 2 | 0050 | 113 |
| | 2007 | | | | | | | | | | | | | | | | |
| MX | 2006 | PAU/ | 366 | | A | | 2006 | 1002 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | A | | 2007 | DDII | | TM 5 | 2006- | KM18 | 33 | | 2 | UU6U | 630 |
| IN | | | T17770 | | | | | | | | | | | | | | |
| | | | INFO | . : | | | | | | DE 2 | 004- | 1020 | 0400 | 30542 | 1 2 | 0040 | 120 |

860266-08-6

CM 1

L11 ANSWER 95 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:673050 CAPLUS

DOCUMENT NUMBER: 143:148209

Synegistic fungicide mixtures containing a triazolopyrimidine derivative and pencycuron

TOTOM oi Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

FOT Int. Appl., 21 pp. CODEN: PIXXD2

DOCUMENT TYPE: CODEN: PIXXD2

DATENT INFORMATION: GUNT: 1

PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PA: | TENT : | NO. | | | | | | | | | LICAT | | | | | ATE | |
|------|------|--------|-------|-------|-----|-----|-----|------|------|------|-------|------------------|------|------|------|------|-------|-----|
| | | | | | | | | | | | | | | | | | | |
| | WO | 2005 | 0677 | 14 | | A1 | | 2005 | 0728 | | WO : | 2005-1 | EP25 | 7 | | 2 | 0050 | 113 |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG. | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | | AZ. | BY. | KG. | KZ. | MD. | RU. | TJ. | TM. | AT | BE. | BG. | CH. | CY. | CZ. | DE. | DK. |
| | | | EE. | ES. | FI. | FR. | GB. | GR. | HU. | IE. | IS | , IT, | LT. | LU. | MC. | NL. | PL. | PT. |
| | | | | | | | | | | | | , CI, | | | | | | |
| | | | | | | TD. | | | | | | | , | | | | | |
| | AII | 2005 | 2044 | 48 | | A1 | | 2005 | 0728 | | AII : | 2005- | 2044 | 48 | | 2 | 0050 | 113 |
| | | | | | | | | | | | | 2005- | | | | | | |
| | EP | 1708 | 572 | | | A1 | | 2006 | 1011 | | EP : | 2005- | 7008 | 73 | | 2 | 00.50 | 113 |
| | | | | | | | | | | | | , IT, | | | | | | |
| | | | | | | | | | | | | , CZ, | | | | | | |
| YU | | | II, | J1, | ш., | ш., | 11, | 110, | 01, | 111, | ъ. | , 00, | ш, | 110, | LШ, | J11, | 1111, | 10, |
| 10 | CM | 1909 | 785 | | | А | | 2007 | 0207 | | CM . | 2005- | annn | 2607 | | 2 | 0050 | 113 |
| | | 2005 | | | | A | | | 0529 | | | 2005- | | | | | | |
| | | 2007 | | | | | | | 0712 | | | 2006- | | | | _ | 0050 | |
| | | 2006 | | | | _ | | 2007 | | | | 2006-1 | | | | | | |
| | | 2006 | | | | A | | | 0904 | | | 2006-1 2006-1 | | | | | 0060 | |
| | | 2006 | | | | | | | | | | 2006- | | | | | | |
| DDTO | | Y APP | | | | | | 2000 | 0013 | | | 2004- | | | | _ | | |
| FKIO | LTI. | i APP | DIA . | TIMEO | | | | | | | DE . | 2004- | 1020 | 0400 | 2000 | n 2 | 0040 | 113 |
| | | | | | | | | | | | WO : | 2005-1 | EP25 | 7 | 1 | W 2 | 0050 | 113 |

860308-43-6
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (synergistic fungicide mixts.)
860308-43-6 CAPLUS
Urea, N-[(4-chlorophenyl)methyl]-N-cyclopentyl-N'-phenyl-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3

L11 ANSWER 95 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C17 H15 C1 F3 N5 (Continued)

CM 2

Synergistic fungicide mixts. contain 5-chloro-7-(4-methylpyridin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine (I) and fluoxastrobin (II) in a weight ratio of 100:1 to 1:100. Thus, I + II at AB

16 ppm synergistically controlled Pyricularia oryzae in rice.

EENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNT:

FORMAT

L11 ANSWER 96 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

857500-94-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

857500-95-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifiuorophenyl)-N-[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)

857500-98-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(trimethylsily1)methyl]- (CA INDEX NAME)

857500-99-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)

Page 160

L11 ANSWER 96 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2005:588972 CAPLUS DOCUMENT NUMBER: 143:115563

TITLE:

143:115563
Preparation of triazolopyrimidines as fungicides Gebauer, Olaf; Gayer, Herbert; Heinemann, Ulrich; Herrmann, Stefan; Elbe, Hans-Ludwig; Ebbert, Ronald; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz Bayer CropScience A.-G., Germany PCT Int. Appl., 65 pp.
CODEN: PIXXD2
Patent INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PATENT NO. | | | | | | | | | | LICAT | | | | | | | | |
|---------|---------------|------|------|-----|-----|------|------|---------|----------------|-------|-------|----------|------|-----|----------|------|-----|--|--|
| | WO 2005061503 | | | | | | | | | | | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB. | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, | | |
| | | CN. | co. | CR. | CU. | CZ. | DE. | DK. | DM. | DZ | EC, | EE. | EG. | ES. | FI. | GB. | GD, | | |
| | | | | | | | | | | | JP, | | | | | | | | |
| | | | | | | | | | | | MK, | | | | | | | | |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | SC, | SD, | SE, | SG, | SK, | SL, | SY, | | |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US. | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW | | |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | | |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT. | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | | |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS, | , IT, | LT, | LU, | MC, | NL, | PL, | PT, | | |
| | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | | |
| | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | | | |
| DE | 1036 | 0370 | | | A1 | 2005 | 0714 | | DE : | 2003- | | 20031222 | | | | | | | |
| EP | 1709 | 050 | | | A1 | | 2006 | 0061011 | | EP : | 2004- | 8041 | 88 | | 2 | 0041 | 222 | | |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | IT, | LI, | LU, | NL, | SE, | MC, | PT, | | |
| | | IE, | SI, | LT, | FI, | RO, | CY, | TR, | BG, | CZ, | EE, | HU, | PL, | SK, | IS | | | | |
| BR | 2004 | 0180 | | | | | | | BR 2004-18023 | | | | | | 20041222 | | | | |
| | 2007 | | | | T | | 2007 | 0628 | JP 2006-546053 | | | | | | 2 | 0041 | 222 | | |
| US | 2007 | 2935 | 14 | | A1 | | 2007 | 1220 | | US : | 2007- | 5838 | 36 | | 2 | 0070 | 326 | | |
| PRIORIT | Y APP | LN. | INFO | . : | | | | | | DE : | 2003- | 1036 | 0370 | | A 2 | 0031 | 222 | | |
| | | | | | | | | | | WO : | 2004- | EP14 | 592 | | W 2 | 0041 | 222 | | |

OTHER SOURCE(S): MARPAT 143:115563

IT 214706-75-9P 857500-94-8P 857500-95-9P
857500-98-2P 857500-99-3P 857501-00-9P
857501-01-0P 857501-11-2P 857501-12-3P
857501-20-3P 857501-21-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SFN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation);
USES HSES

(IIses)

RN

(Oses) (preparation of triazolopyrimidines as fungicides) 214706-75-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

L11 ANSWER 96 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

857501-00-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)

RN 857501-01-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)

857501-11-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
chloro-6-(2,5-difluorophenyl)-2methyl-N-[1-(trimethylsilyl)ethyl]- (CA INDEX NAME)

L11 ANSWER 96 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

857501-12-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
chloro-6-(2,5-difluorophenyl)-2methyl-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

NH-CH2-SiMe3

RN 857501-20-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

NH-CHo-SiMes

857501-21-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
loro-6-(2,5-difluorophenyl)-N[1-(trimethylsilyl)ethyl]- (CA INDEX NAME) RN

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:588970 CAPLUS
DOCUMENT NUMBER: 143:115562
TITLE: Preparation of
6-(aminocarbonylphenyl)triazolopyrimidi
nes as fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Blettner, Carsten; Mueller,
Bernd, Gewehr, Markus; Grammenos, Wassilios; Grote,
Thomas; Rheinheimer, Joachim; Schaefer, Peter;
Schieweck, Frank; Schwoegler, Anja; Wagner, Oliver;
Scherer, Maria; Strathmann, Siegfried; Schoefl,
Ulrich; Scierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
FOT Int. Appl., 65 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
FAMILY ACC. NUM. COUNT: 1
FAMILY ACC. NUM. COUNT: 1
FATENT INFORMATION:

DOCUMENT 1-LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE DATE APPLICATION NO. WO 2005061502 RW: AU 2004303493 CA 2549184 EP 1697368 20050707 AU 2004-303493 CA 2004-2549184 EP 2004-804000 20041217 20041217 20041217 A1 A1 A1 20050707 20060906 368 AT, BE, CH, DE, DK, ES, FR, GB, GR, II, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, C2, EE, HU, FL, SK, IS 255 A 20070110 CN 2004-80037816 20041217 017765 A 20070417 BR 2004-17765 20041217 14693 T 20070607 DF 2005-544354 20041217 CN 1894255 DR 2004017765 JP 2007514693 MX 2006PA05665 US 2007111889 20060817 MX 2006-PA5665 US 2006-580990 20060519

IN 2006CN02633 PRIORITY APPLN. INFO.: IN 2006-CN2633 DE 2003-10360392

DE 2004-102004003767A 20040123 DE 2004-102004019456A 20040419

WO 2004-EP14393 W 20041217

OTHER SOURCE(S): MARPAT 143:115562
IT 857505-18-1P 857505-20-5P 857505-21-6P
857505-22-7P 857505-22-6-1P 857505-22-49P
857505-25-0P 857505-26-1P 857505-27-2P
857505-28-3P 857505-29-4P 857505-33-0P

L11 ANSWER 96 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

SiMes

TTT

Title compds. I [R1 = H, R2, alkyl, etc.; alkylsilane with provisos; R3 = (un)subsituted aryl, heterocycle, alkyl, etc.; R4 = H, halo, haloalkyl, etc.; X = halo, CN, alkyl, etc.] were prepared For example, aminoarom. substitution of dichloropyrimidine II and trimethylsilylmethylamine afforded triazolopyrimidine III in 50% yield. In podosphaera leucotricha apple protection assays, 6-examples of compds. I at 100 g/ha (sic) exhibited after 10-days 90% protection.

RENCE COUNT: 4 THER ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNT:

FORMAT

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 857505-34-1P 857505-35-2P 857505-36-3P 857505-37-4P 857505-38-5P 857505-39-6P 857505-40-9P 857505-41-0P RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

USES

(Uses)

(prepn. of aminocarbonylphenyltriazolopyrimidines as fungicides) 857505-18-1 CAPLUS Benzamide, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro- (CA INDEX NAME)

857505-20-5 CAPLUS Benzamide, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-fluoro- (CA INDEX NAME)

857505-21-6 CAPLUS
Benzamide, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2,5-dimethyl- (CA INDEX NAME)

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

857505-22-7 CAPLUS
Benzamide, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-methyl- (CA INDEX NAME)

857505-23-8 CAPLUS

CN Benzamide, 4-[5-enloro-7-[[(TR)-1,2,2-trimethylpropyl]amino][1,2,4]triazol o[1,5-a]pyrimidin-6-yl]-2,5-dimethyl- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{array}{c} \text{Me} \\ \text{H}_2 \text{N} - \text{C} \\ \text{C1} \\ \end{array}$$

857505-27-2 CAPLUS
Benzamide, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-fluoro-5-methyl- (CA INDEX NAME)

857505-28-3 CAPLUS

NN 057003-05 CAPLOS
CN Benzamide,
4-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazol
o[1,5-a]pyrimidin-6-yl]-2-fluoro-5-methyl- (CA INDEX NAME)

Absolute stereochemistry.

857505-29-4 CAPLUS
Benzamide, Z-chloro-4-[5-chloro-7-(4-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-5-methyl- (CA INDEX
NAME)

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 857505-24-9 CAPLUS (Continued)

NN 077007499 CAPROS

CN Benzamide,
4-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazol
o[1,5-a]pyrimidin-6-yl]-3-methyl- (CA INDEX NAME)

Absolute stereochemistry.

857505-25-0 CAPLUS
Benzamide, 5-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

RN CN

857505-26-1 CAPLUS
Benzamide, 2,5-dichloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 857505-30-7 CAPLUS
CN Benzanide,
4-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazol
o[1,5-a]pyrimidin-6-yl]-2-methoxy-5-methyl- (CA INDEX NAME)

Absolute stereochemistry.

857505-31-8 CAPLUS Benzamide, 3-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

 $857505-32-9 \quad CAPLUS \\ Benzamide, \ 3-chloro-4-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- \\ \quad (CA \ INDEX \ NAME)$

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

$$\begin{array}{c|c} & \text{Me} \\ & \text{Han} & \text{R} \\ & \text{Bu-t} \end{array}$$

857505-33-0 CAPLUS
Benzamide, 2-chloro-4-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-5-methyl-

Absolute stereochemistry.

857505-34-1 CAPLUS
Benzamide, 5-chloro-4-[5-chloro-7-(4-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methyl- (CA INDEX
NAME)

$$\begin{array}{c} \text{Me} \\ \text{H}_2 \text{N} - \text{C} \\ \text{Me} \end{array}$$

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

857505-38-5 CAPLUS
Benzamide, 3-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-methyl- (CA INDEX NAME)

857505-39-6 CAPLUS
Benzamide, 5-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-4-methyl- (CA INDEX NAME)

 $857505-40-9 \quad CAPLUS \\ Benzamide, \ 4-chloro-3-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- \\ \quad (CA \ INDEX \ NAME)$

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

(CA INDEX NAME)

Absolute stereochemistry.

RN 857505-36-3 CAPLUS CN Benzamide, 3-[5-chloro-7-(1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

857505-37-4 CAPLUS
Benzamide, 4-chloro-3-[5-chloro-7-(4-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

RN 857505-41-0 CAPLUS
CN Benzanide,
5-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazol
o[1,5-a]pyrimidin-6-yl]-2-methoxy-4-methyl- (CA INDEX NAME)

Absolute stereochemistry.

606922-44-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of aminocarbonylphenyltriazolopyrimidines as fungicides)
606922-44-5
CAPLUS
Benzonitrile, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro- (CA INDEX NAME)

L11 ANSWER 97 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

II HoN III

Title compds. I [Y = Lm; L = halo, CN, alkyl, etc.; m = 1-4; Rl, R2 = H, alkyl, haloalkyl, etc.; X = halo, CN, alkyl, etc.] were prepared For example, saponification and decarboxylation of dimethylmalonate IIAB afforded

ded triazolopyrimidine III. In botrytis cinerea protection assays, triazolopyrimidine III. In botrytis cinerea protection assays,
5-examples
of compds. I, at 63 ppm application, after 5-days exhibited 75%
protection.
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 98 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM

CRN 1897-45-6 CMF C8 C14 N2

AB A synergistic fungicidal mixture for rice comprise 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifiluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and chlorothalonil. The invention is especially useful for controlling Corticium sasakii.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 98 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:588603 CAPLUS

DOCUMENT NUMBER: 143:73251

INVENTOR(S): Synergistic fungicidal mixture for rice comprising a triazolopyrimidine derivative and chlorothalonil Torno is Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: CODE: PIXXD2

DOCUMENT TYPE: Patent

LANKULAGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | TENT | 1/11/ | _ | | | | AF I | PLICAT | | | | _ | | | | | | | |
|-------|-------|-----------------------|------|-----|-----|------|------|--------------------------------|-------|-------|----------|-------|------|----------|-----|-------|-----|--|--|
| WO | 2005 | 0607 | 54 | | A1 | 2005 | 0707 | | WO | 2004- | 20041118 | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | ΑZ, | BA, | BE | 3, BG, | BR, | BW, | BY, | BZ, | CA, | CH, | | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | D2 | EC, | EE, | EG, | ES, | FI, | GB, | GD, | | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, | | |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | G, MK, | MN, | MW, | MX, | MZ, | NA, | NI, | | |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | J, SC, | SD, | SE, | SG, | SK, | SL, | SY, | | |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW | | |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SI | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | | |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | r, BE, | BG, | CH, | CY, | CZ, | DE, | DK, | | |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS | , IT, | LU, | MC, | NL, | PL, | PT, | RO, | | |
| | | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | Cl | [, CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | | |
| | | NE, | SN, | TD, | TG | | | | | | | | | | | | | | |
| | 2004 | A2 | | | | | ΑU | 2004- | 3046 | 78 | | 2 | 0041 | 118 | | | | | |
| AU | 2004 | 2004304678 | | | | | 2005 | | | | | | | | | | | | |
| CA | 2545 | 274 | | | A1 | | | | | | | | | 20041118 | | | | | |
| | 1689 | | A1 | | | | | ΕP | 2004- | 79 79 | 74 | | 2 | 0041 | 118 | | | | |
| EP | 1689 | 234 | | | B1 | | 2007 | 0425 | | | | | | | | | | | |
| | R: | | | | | | | | | | λ, IT, | | | | | | | | |
| | | IE, | SI, | LT, | LV, | FI, | RO, | CY, | TR, | BG | G, CZ, | EE, | HU, | PL, | SK, | HR, | IS, | | |
| | | | | | | | | | | | | | | | | | | | |
| | 1886 | | | | A | | 2006 | | | | 2004- | | | | | 0041 | | | |
| | 2004 | | | | | | 2007 | | | | | | | 20041118 | | | | | |
| | 3603 | | | | | | 2007 | | | | | | | 20041118 | | | | | |
| | 2007 | | 86 | | | | 2007 | | | | | | | 20041118 | | | | | |
| | 2285 | | | | Т3 | 2007 | | ES 2004-4797974 | | | | | | 20041118 | | | | | |
| | | 06PA05137 06002482 | | | | | | MX 2006-PA5137 NO 2006-2482 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | 2006 | | | | A | | 2007 | 0706 | | | 2006- | | | | | 0060 | | | |
| IORIT | Y APP | LN. | TMLO | . : | | | | | | DE | 2003- | 1032 | 2980 | | A 2 | 0031 | 127 | | |
| | | | | | | | | | | MO. | 2004- | ברתם | 071 | | u o | 00.41 | 110 | | |
| | | | | | | | | | | | 2004- | mr 10 | 0,1 | | 2 | 0047 | 440 | | |

IT

856000-19-6 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture) 856000-19-6 CAPLUS 1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-, mixt. with

L11 ANSWER 99 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:588601 CAPLUS
DOCUMENT NUMBER: 143:73250

ITITLE: Synergistic fungicidal mixture comprising a triazolopyrimidine derivative and cyproconazole tri

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | ENT : | | | | | | DATE | | | | | | | | | | ATE | | | |
|-----|-------|------|------|-----|-----|-----|------|------|----------------|----|------|------|------|------|----------|----------------------|------|-----|--|--|
| WO | 2005 | 0607 | 53 | | | | | | | | | | | | | | 0041 | 118 | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | 3, E | ЗG, | BR, | BW, | BY, | BZ, | CA, | CH, | | |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , E | EC, | EE, | EG, | ES, | FI, | GB, | GD, | | |
| | | GΕ, | GH, | GM, | HR, | ΗU, | ID, | IL, | IN, | IS | 3, 3 | JP, | KΕ, | KG, | KΡ, | KR, | ΚZ, | LC, | | |
| | | | | | | | LV, | | | | | | | | | | | | | |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | J, S | SC, | SD, | SE, | SG, | SK, | SL, | SY, | | |
| | | | | | | | TZ, | | | | | | | | | | | | | |
| | RW: | | | | | | | | | | | | | | | | | | | |
| | | | | | | | RU, | | | | | | | | | | | | | |
| | | | | | | | GR, | | | | | | | | | | | | | |
| | | | | | | BF, | ВJ, | CF, | CG, | CI | Ι, (| CM, | GΑ, | GN, | GQ, | G₩, | ML, | MR, | | |
| | | | SN, | | | | | | | | | | | | | _ | | | | |
| | 2545 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | 20041118 20041118 | | | | |
| EP | | | | | | | | | | | | | | | | | | | | |
| | K: | | | | | | CZ, | | | | | | | | | | | | | |
| | | 15, | 11, | LI, | LU, | MC, | NL, | PL, | PI, | RC | , : | DL, | 51, | SI, | IK, | HK, | ы, | LV, | | |
| CM | 1886 | 047 | | | 2 | | 2006 | 1227 | | CM | 200 | 14-9 | 3003 | 5021 | | 2 | 00/1 | 118 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | 2007 | | | | | | | | JP 2006-540316 | | | | | | 20041118 | | | | | |
| | 2006 | | | | | | | | MX 2006-PA5138 | | | | | | | | | | | |
| NO | 2006 | 0023 | 51 | | A | | 2006 | 0623 | NO 2006-2351 | | | | | | | 2 | 0060 | 523 | | |
| | 2006 | | | | | | | | | | | | | | | 2 | 0060 | 627 | | |
| US | 2007 | 2496 | 35 | | A1 | | 2007 | 1025 | | US | 200 | 7-5 | 5791 | 40 | | 2 | 0070 | 319 | | |
| RIT | APP | LN. | INFO | . : | | | | | | DE | 200 | 3-: | 1035 | 5105 | | A 2 | 0031 | 127 | | |
| | | | | | | | | | | | | | | | | | | | | |

856000-36-7 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture) 85600-36-7 CAPUS $1H-1,2,4-Triazole-1-ethanol,\ \alpha-(4-chlorophenyl)-\alpha-(1-cyclopropylethyl)-,\ mixt.\ with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)$

CM 1

CRN 214706-53-3

L11 ANSWER 99 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CMF C17 H15 C1 F3 N5

CM 2

CRN 94361-06-5 CMF C15 H18 C1 N3 O

AB A synergistic fungicidal mixture comprise
5-chloro-7-(4-methylpiperidin-1y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and
cyproconazole. The mixture is especially useful for the control of

Oomycetes. REFERENCE COUNT:

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE 6

FORMAT

(Continued) L11 ANSWER 100 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

856186-89-5 CAPLUS Phosphonic acid, monoethyl ester, aluminum salt, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 39148-24-8 CMF C2 H7 O3 P . 1/3 Al

0 || HO— PH— OEt

AB Synergistic fungicidal mixts. for rice comprise 5-chloro-7-(4-

Page 165

L11 ANSWER 100 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:588599 CAPLUS
TITLE: 2505:588599 CAPLUS
Synergistic fungicidal mixtures for rice comprising a triazolopyrimidine derivative
TONNENTOR(S): Torno is Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PTXND2
DOCUMENT TYPE: PATENT
LANGUAGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ENT I | . OP | | | KIN | | DATE | | | LICAT | DATE | | | | | | | |
|------|---|------|------|-----|-----|-----|------|-----------------------------------|-----|-------|-------|-------|----------|----------|----------|------|-----|--|
| WO | 2005060752 | | | | | | | | | | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | ΒZ, | CA, | CH, | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, | |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, | |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, | |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW | |
| | RW: | | | | | | | | | | , SL, | | | | | | | |
| | | | | | | | | | | | , BE, | | | | | | | |
| | | | | | | | | | | | , IT, | | | | | | | |
| | | | | | | | BJ, | CF, | CG, | CI | , CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | |
| | | | SN, | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 2004- | | | | | | | |
| | 2545 | | | | | | | CA 2004-2545288 EP 2004-797970 | | | | | | | | | | |
| EP | | | | | | | | | | | | | | | | | | |
| | R: | | | | | | | | | | , ES, | | | | | | | |
| | | | | | | | | | | | , SE, | | | | | | | |
| CN | 1886 | 049 | | | A | | 2006 | 1227 | | CN | 2004- | 8003 | 5024 | | 2 | 0041 | 118 | |
| BR | 2004 | 0169 | 39 | | A | | 2007 | 0213 | | | | | | | | | | |
| JP | 2007 | 5130 | 85 | | T | | 2007 | 0524 | | JP | 2006- | 5403 | 14 | 20041118 | | | | |
| MX | 2006 | PAUS | 140 | | A | | 2006 | 0/25 | | MX | 2006- | | 20060508 | | | | | |
| NO | BR 2004016939 JP 2007513085 MX 2006PA05140 NO 2006002478 IN 2006CN02353 | | | | A | | 2006 | 0623 | | NO | 2006- | 24 /8 | | | 2 | 0060 | 530 | |
| | | | | | | | | | | | | | | | 20060627 | | | |
| | 2007. APP | | | | MI | | 2007 | 0030 | | | 2007- | | | | | | | |
| KIII | APP. | LIV. | INFO | | | | | | | DE | 2003- | 1033 | 0104 | | 4 2 | 0031 | 127 | |
| | | | | | | | | | | DE | 2004- | 1020 | 0401 | 27532 | A 2 | 0040 | 315 | |
| | | | | | | | | | | | | | | | | | | |

214706-53-3D, mixts. with phosphites 856186-89-5
RL: RGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixts. for rice)
214706-53-3 CAPLUS
[1,2,4]Triazolc[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 100 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5a]pyrimidine and phosphorous acid, its alkali or alk. earth salts or
derivs., such as Fosethyl-Al.
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

German 1 LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE RN: EW, G.,
AZ, BY, KG, K.,
EE, ES, FI, FR, GB, GK, ...
SE, SI, SK, TR, BF, BJ, CF, CG, C.,
NE, SN, TD, TG

2004304675
A1 20050707
A2 20042546929
A1 20050707
C546929
A1 20050707
C689235
A1 20060816
E 2004-2546929
A1 20050707
C8 2004-2546929
A1 20050707
C8 2004-2546929
A1 20050707
C9 2004-2546929
A1 20050707
A1 20050707
A1 2004-2546929
A2004118
A20050816
A20050 IE, SI, CN 1886050 BR 2004016952 JP 2007512277 MX 2006PA05238 US 2007082916 NO 2006002481 IN 2006CN02360 PRIORITY APPLN. INFO.: 856190-57-3 856190-58-4 856190-59-5 856190-60-8 856190-61-9 RDL (Biological study); USES (Uses) REL AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture for rice) 856190-57-3 CAPLUS Manganese, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)-L11 ANSWER 101 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) NH-CH2-CH2-NH-CS2-856190-58-4 CAPLUS Manganese, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)- KS,KS']-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6- (2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5 CM 2 CRN 12427-38-2 C4 H6 Mn N2 S4 NH-CH2-CH2-NH-CS2-856190-59-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with metiram (9CI) (CA INDEX NAME)

L11 ANSMER 101 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
KS,KS']-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and
[[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)KS,KS']zinc (9CI) (CA INDEX NAME) CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5 12427-38-2 C4 H6 Mm N2 S4 CCS CRN NH-CH2-CH2-NH-CS2-CM 3 12122-67-7 C4 H6 N2 S4 Zn CCS CRN L11 ANSWER 101 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 214706-53-3 CMF C17 H15 C1 F3 N5 2 CMCRN 9006-42-2 CMF Unspecified CCI PMS, MAN *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** S86190-60-8 CAPLUS
Zinc, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)KS,KS']-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME) CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 12122-67-7 CMF C4 H6 N2 S4 Zn L11 ANSWER 101 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

NH-CH2-CH2-NH-CS2

856190-61-9 CAPLUS Thioperoxydicarbonic diamide ([(H2N)C(S)]2S2), tetramethyl-, mixt. with

5-chloro-7-(4-methy1-1-piperidiny1)-6-(2,4,6-trifluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CM 2

C6 H12 N2 S4

IT

214706-53-3D, mixts. with dithiocarbamates RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixts. for rice) 214706-53-3 CAPLUS

ANSWER 102 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER:

DOCUMENT NUMBER:

INVENTOR(S):

CAPLUS COPYRIGHT 2008 ACS on STN 2005:570900 CAPLUS 143:97339 Preparation of triazolopyrimidines in the control of plant pathogenic fungi Torno I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schweegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stitel, Reinhard BASF Aktiengesellschaft, Germany PCT Int. Appl., 58 pp. CODEN: PIXXD2 Patent German 2

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2005058906 RW: AU 2004299255 CA 2548351 EP 1697366 EP 1697366 A1 A1 B1 20050630 20050630 20060906 20070912 CA 2004-2548351 EP 2004-803894 20041215 20041215 DOC BI 200/03/12 BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, FL, SK, HR, IS CN 2004-80038098 BR 2004-17647 AT 2004-803894 JP 2006-544326 MX 2006-PA5987 US 2006-582934 20041215 CN 1898241 BR 2004017647 AT 373004 JP 2007534645 MX 2006PA05987 US 2007149400 CN 1898241 A A T 20070117 20070117 20070403 20070915 20071129 20060823 20070628 20041215 20041215 20041215 2006PA05987 2007149400 20060615 IN 2006CN02585 PRIORITY APPLN. INFO.: IN 2006-CN2585 DE 2003-10359435 DE 2003-10360399 A 20031219 DE 2004-102004003769A 20040123 DE 2004-102004019457A 20040419

OTHER SOURCE(8): MARPAT 143:97393 IT 214634-35-2P 329911-43-5P 388060-05-7P

L11 ANSWER 101 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4)-6-trifluorophemyl)- (CA INDEX NAME)

AB Synergistic fungicidal mixts. for controlling rice pathogens comprises 5-chloro-7-(4-methylpiperidin-1-y)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and a dithiocarbamate, i.e. mancozeb, maneb, metiram, zineb and thiram.

REFERENCE COUNT: THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 102 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 38060-29-5P 856285-54-6P 856285-55-7P 856285-56-8P 866285-56-8P 866285-58-0P 856285-56-8P 866285-60-4P 866285-61-5P RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

HSES (Uses)

(Uses)
(prepn. of triazolopyrimidines in the control of plant pathogenic fungi)
214634-35-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

NH-CH2-CF3

329911-43-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 388060-05-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 102 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-29-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(4-methoxyphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 856285-54-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

 $856285-55-7 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-[(1R)-1-methylpropyl]- \quad (CA INDEX NAME)$

Absolute stereochemistry.

RN 856285-56-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6-

L11 ANSWER 102 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856285-60-4 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

RN 856285-61-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 102 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (4-methoxyphenyl) - (CA INDEX NAME) (Continued)

856285-57-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(4-methoxyphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

856285-58-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

856285-59-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 102 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. I [L = H, Cl, Br; Rl, R2 = H, alkyl, cycloalkyl, etc.; R3 = alkyl, alkenyl, alkynyl, etc.; X = halo, CN, alkyl, etc.] were prepared AB For

example, aminoarom. substitution of dichloropyrimidine II and

2-butylamine
afforded triazolopyrimidine III. In botrytis cinerea protection assays,
1-example of compound I, at 63 ppm application, after 5-days exhibited

protection rate.
REFERENCE COUNT:

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 103 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:570899 CAPLUS DOCUMENT NUMBER: 143:97392

TITLE:

INVENTOR(S):

13:97392
Preparation of 6-(2-fluoro-4-alkoxyphenyl)triazolopyrimidines as fungicides
Tormo I Blasco, Jordi; Blettner, Carsten; Mueller,
Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote,
Thomas; Rheinheimer, Joachim; Schaefer, Peter;
Schieweck, Frank; Schweegler, Anja; Wagner, Oliver;
Scherer, Maria; Strathmann, Siegfried; Schoefl,
Ulrich; Stierl, Reinhard
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 54 pp.
CODEN: FIXXD2
Patent
German
2

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE IE, SI, L'
CN 1898242
BR 2004017651
JP 2007514683
PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 143:97392 IT 856452-98-7P 856453-03-7P 856453-04-8P 856453-05-9P

886453-05-9P RRI: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

WO 2004-EP14228

W 20041214

HSES (Hses)

RN

(USES) (preparation of alkoxyphenyltriazolopyrimidines as fungicides) 856452-98-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,6-difluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 103 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856453-03-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2,6-difluoro-4-methoxyphenyl)-5-methoxy-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

856453-04-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluoro-4-methoxyphenyl)-5-methoxy-N-(1-methylethyl)- (CA INDEX NAME)

856453-05-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
toxy-6-(4-butoxy-2,6-difluoropheny1)7-(4-methyl-1-piperidiny1)- (CA INDEX NAME)

L11 ANSWER 103 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

L11 ANSWER 103 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Title compds. I [RI = alkyl, haloalkyl, cycloalkyl, etc.; R2 = H, or together with Rl with provisos; R3 = alkyl, haloalkyl, alkenyl, etc.; L = H, F, Cl; X = CN, alkyl, alkoxy, etc.] were prepared For example, tetrabutylammonium cyanide mediated nitrilation of chloropyrimidine II afforded triazolopyrimidine III. In botrytis cinerea protection assays, 3-examples of compds. I, at 250 ppm application, after 5-days exhibited 80% protection.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 104 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:570897 CAPLUS DOCUMENT NUMBER: 143:97391

LOCUMENT NUMBER: 143:97391 CAPLUS
143:97391 Preparation of
6-(2,4,6-trifluorophenyl)triazolopyrani
dines for combating pathogenic fungi
dines for combating pathogenic fungi
dines for combating pathogenic fungi
form I Blasco, Jordi; Blettner, Carsten; Mueller,
Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote,
Thomas; Rheinheimer, Joachim; Schaefer, Peter;
Schieweck, Frank; Schweegler, Anja; Wagner, Oliver;
Schieweck, Frank; Strethmann, Siegfried; Schoefl,
Ulrich; Stierl, Reinhard
BASF Aktiengesellschaft, Germany
FOT Int. Appl., 34 pp.
CODEN: FIXXD2
DOCUMENT TYPE:
FATENT ACC. NUM. COUNT:
PATENT INFORMATION:

DOCUMENT 11PE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. APPLICATION NO. KIND DATE DATE

PRIORITY APPLN. INFO.:

WO 2004-EP13063 W 20041118

OTHER SOURCE(S): MARPAT 143:97391
IT 856543-22-1P 856543-30-1P 856543-37-8P
856543-45-8P 856543-52-7P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(preparation of trifluorophenyltriazolopyrimidines for combating pathogenic

L11 ANSWER 104 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

fungi)

856543-45-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methoxy-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN

856543-52-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-methoxy-7-(4-methyl-1-piperidinyl)-6-(2,4.6-trifluorophenyl)- (CA INDEX NAME)

214706-53-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of trifluorophenyltriazolopyrimidines for combating ogenic
fungi)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSMER 104 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 856543-22-1 CAPLUS COPYRIGHT 2008 ACS on STN CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-[[(18)-2,2,2-trifluoro-(Continued)

1-methylethyl]amino]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

856543-30-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

856543-37-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
thoxy-N-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 104 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Title compds. I [Rl = alkyl, haloalkyl, cycloalkyl, etc.; R2 = H, or together with Rl with provisos; X = CN, alkoxy, alkenyloxy, etc.] were prepared For example, tetrabutylammonium cyanide medaited nitrilation of chloropyrimidine III afforded triazolopyrimidine III. In sphaerotheca fuliginea protection assays, 4-examples of compds. I, at 63 ppm application, after 7-days exhibited 100% protection.

REFERENCE COUNT: 9 THERE ARE 9 CITTED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

Page 170

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L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:564672 CAPLUS
                                                                                     AND COMPANY CAPAUS
143:97387

Preparation of 6-(2-halophenyl)triazolopyrimidines as fungicides
Tormo I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassillos; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schleweck, Frank; Schweegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 78 pp.
CODEN: PIXXD2
Patent
German
1
DOCUMENT NUMBER:
TITLE:
INVENTOR(S):
PATENT ASSIGNEE(S):
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                 PATENT NO.
                                                                                          KIND DATE
                                                                                                                                                              APPLICATION NO.
                                                                                                                                                                                                                                                 DATE
                MR, NE, SN, TD, TG

All 2004299258

All 20050630

All 2004-299258

All 20050630

All 2004-299258

All 20050630

All 2004-2549169

All 20050630

All 2004-2549169

All 20060906

EP 2004-803941

20041216

R: AT, BE, CH, DE, DK, ES, FK, GB, GR, TT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, FI, RO, CY, TK, BG, CZ, EE, HU, FL, SK, IS

CN 189425:

All 200707101

All 20070403

BR 2004-17740

All 20070403

BR 2004-17740

All 20070403

MX 2006-PA5192

All 20070814

All 20070405

US 2007078149

All 20070405

US 2007078149

All 20070405

US 2006-850416

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                  IN 2006CN02597
                                                                                                                                                              IN 2006-CN2597
                                                                                                                  20070608
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PRIORITY APPLN. INFO.:
                                                                                                                                                             DE 2003-10360047 A 20031218
                                                                                                                                                            DE 2004-102004019458A 20040419
                                                                                                                                                            WO 2004-EP14328 W 20041216
OTHER SOURCE(S):
                                                                                          MARPAT 143:97387
                  \(\script{SOURCE(S)}\): MARKAT 143:9/38/

$56890-67-0P 856890-68-1P 856890-69-2P

856890-70-5P 856890-71-6P 856890-72-7P

856890-73-8P 856890-71-6P 856890-75-0P

856890-76-1P 856890-77-2P 856890-78-3P
            ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 856892-48-3P 856892-49-4P 856892-50-7P 856892-51-8P 856892-52-9P 856892-53-0P 856892-51-8P 856892-55-2P 856892-56-3P 856892-55-2P 856892-55-2P 856892-59-6P 856892-60-9P 856892-61-0P 856892-70-1P 856892-71-0P 856892-81-0P 856892-71-0P 856892-71-0P 856892-71-0P 856892-71-0P 856892-81-0P 856893-21-5P 856893-22-6P 856893-23-7P 856893-21-5P 856893-22-6P 856893-23-7P 856893-24-8P 856893-24-8P RJ: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);
USES
                  (Uses)
                  (prepn. of halophenyltriazolopyrimidines as fungicides)
856890-67-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-
(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)
                  856890-68-1 CAPLUS
                  836839-68-1 CAFLOS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-[2-fluoro-3-(trifluoromethyl)phenyl]-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)
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L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 856390-79-4P 856890-80-7P 856890-81-8F 856990-82-P 856890-83-0P 856890-88-1-8F 856990-85-2P 856890-89-87-4P 856890-89-99 856890-89-99 856890-89-1P 856890-99-9P 856890-99-1P 856890-99-2P 856890-99-1P 856890-99-55-4P 856890-99-8P 856890-99-1P 856890-99-55-4P 856890-99-8P 856891-09-1P 856891-01-5P 856891-02-6P 856891-03-P 856891-01-5P 856891-02-6P 856891-03-P 856891-01-5P 856891-02-6P 856891-03-P 856891-01-5P 856891-03-P 856891-07-1P 856891-10-5P 856891-08-2P 856891-09-3P 856891-13-9P 856891-10-P 856891-20-8P 856991-20-P 856891-20-P 856891-30-P 856 (Continued) 856892-24-5P 856892-25-6P 856892-26-TP 856892-29-0P 856892-30-6P 856892-31-4P 856892-31-4P 856892-31-4P 856892-33-6P 856892-31-4P 856892-33-6P 856892-31-4P 856892-33-6P 856892-37-0P 856892-37-1P 856892-37-1P 856892-38-1P 856892-49-5P 856892-40-5P 856892-41-6P 856892-43-6P 856892-44-6P 856892-44-2P 856892-43-6P 856892-44-2P L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (trifluoromethyl)phenyl]-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME) 856890-70-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-N-(1-methylpropyl)- (CA INDEX NAME)

CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA (CA INDEX

856890-72-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

856890-69-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-3-

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F₃C NH-CH₂-CF

RN 856890-73-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-[2-fluoro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 856890-74-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 856890-75-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN $\,$ (Continued) Absolute stereochemistry.

RN 856890-79-4 CAPLUS
CN Benzoic acid, 3-[5-chloro-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro-, methyl ester (CA INDEX NAME)

RN 856890-80-7 CAPLUS
CN [1,2,4]Triazzolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluoro-5-methoxyphenyl)-7(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 856890-81-8 CAPLUS
CN Benzoic acid, 3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro-, methyl ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856890-76-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-[2-fluoro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 856890-77-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 856890-78-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856890-82-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluoro-5-methoxyphenyl)-7(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 856890-83-0 CAPLUS
CN Benzoic acid, 3-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro-, methyl ester (CA INDEX NAME)

RN 856890-84-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-5-methoxypheny1)-7-(2-methyl-1-piperidiny1)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856890-85-2 CAPLUS
Benzoic acid, 3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-fluoro-, methyl ester (CA INDEX NAME)

RN 856890-86-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluoro-3-methoxyphenyl)-7(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856890-87-4 CAPLUS

NN 806890-8/-4 CAPLUS
CB Benzoic acid,
3-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]tria
zolo[1,5-a]pyrimidin-6-y1]-2-fluoro-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856890-91-0 CAPLUS
Benzoic acid, 3-[5-chloro-7-[ethyl(2-methyl-2-propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-fluoro-, methyl ester (9CI) (CA INDEX NAME)

856890-92-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluoro-3-methoxyphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 856890-93-2 CAPLUS CN Benzoic acid, 3-[5-chloro-7-[(1,2-dimethylpropyl)amino][1,2,4]triazolo[1,5-alpyrimidin-6-y1]-2-fluoro-, methyl ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856890-88-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-3-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

856890-89-6 CAPLUS Benzoic acid, 3-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro-, methyl ester (CA INDEX NAME)

856890-90-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
chloro-6-(2-fluoro-5-methoxyphenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856890-94-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2-fluoro-3-methoxyphenyl)- (CA INDEX NAME)

856890-95-4 CAPLUS
Benzoic acid, 3-[5-chloro-7-[(1-methylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-2-fluoro-, methyl ester (CA INDEX NAME)

856890-96-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-3-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856890-97-6 CAPLUS
CN Benzoic acid,
3-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-2-fluoro-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

856890-98-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluoro-3-methoxyphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

856890-99-8 CAPLUS Benzoic acid, 3-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-fluoro-, methyl ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-03-7 CAPLUS Benzoic acid, 3-[5-chloro-7-[[(18)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-2-fluoro-, methyl ester (CA INDEX NAME)

856891-04-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-3-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methyllethyl]- (CA INDE (CA INDEX NAME)

Absolute stereochemistry.

856891-05-9 CAPLUS
Benzonitrile, 3-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-4-fluoro- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-00-4 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-3-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 856891-01-5 CAPLUS
CN Benzoic acid,
3-[5-chloro-7-[(2,2,2-trifluoroethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-fluoro-, methyl ester (CA INDEX NAME)

856891-02-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-3-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856891-06-0 CAPLUS
CN Benzonitrile,
3-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazol
o[1,5-a]pyrimidin-6-yl]-2-fluoro- (CA INDEX NAME)

Absolute stereochemistry.

RN 856891-07-1 CAPLUS
CN Benzoic acid,
3-[5-chloro-7-[methyl(2,2,2-trifluoroethyl)amino][1,2,4]tria
zolo[1,5-a]pyrimidin-6-yl]-2-fluoro-, methyl ester (CA INDEX NAME)

856891-08-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-3-methoxypheny1)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-09-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856891-10-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX

856891-11-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3,4-dimethoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

856891-12-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

(Continued)

856891-13-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME) RN CN

856891-14-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-15-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

856891-16-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-(2,2,2-trifiluoro-1-methylethyl)- (CA INDEX NA

 $856891-17-3 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-(2,2,2-trifluoroethyl)- \quad (CA INDEX NAME)$

F3C-CH2-NH

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(Continued) L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

856891-18-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3,4-dimethoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856891-19-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3,4-dimethoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

856891-20-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

856891-21-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-22-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

856891-23-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3,4-dimethoxyphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856891-24-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-25-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

856891-26-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 856891-27-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

856891-28-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

856891-29-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9C1) (CA INDEX NAME)

$$\begin{array}{c} \text{Et} & \text{CH}_2 \\ \text{Cl} & \text{F} & \text{N-CH}_2\text{-C-Me} \end{array}$$

856891-30-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-31-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

856891-32-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $856891-33-3 \quad \text{CAPLUS} \\ [1,2,4] \text{Triazolo}[1,5-a] \text{pyrimidin-}7-a \text{mine, }5-\text{chloro-}6-(4-\text{chloro-}2-\text{fluoro-}5-\text{methoxyphenyl})-N-(2,2,2-\text{trifluoro-}1-\text{methylethyl})- \quad \text{(CA INDEX NAME)}$

856891-34-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4,5-dimethoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

856891-35-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

 $856891-36-6 \quad CAPLUS \\ [1,2,4] Triazolo[1,5-a] pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4,5-dimethoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)$

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

856891-37-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-38-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4,5-dimethoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

856891-39-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-3,4-dimethoxyphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856891-40-2 CAPLUS
1,2-Benzenedicarbonitrile, 3-chloro-4-[5-chloro-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-41-3 CAPLUS 1,2-Benzendicarbonitrile, 4-chloro-5-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

856891-42-4 CAPLUS
1,2-Benzenedicarbonitrile, 4-chloro-5-[5-chloro-7-[(2,2,2-trifilozoethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX

RN 856891-43-5 CAPLUS
CN 1,2-Benzenedicarbonitrile,
4-chloro-5-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856891-44-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-ethyl-6-(2-fluoro-4,5-dimethoxyphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

856891-45-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4,5-dimethoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

856891-46-8 CAPLUS 1,2-Benzenedicarbonitrile, 4-chloro-5-[5-chloro-7-[(1,2,2-

(Continued)

ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Con 856891-49-1 CAPLUS [1,2,4]Triazole[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-3,4-dimethoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

856891-50-4 CAPLUS 1,2-Benzenedicarbonitrile, 3-chloro-4-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

856891-51-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4,5-dimethoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 856891-52-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2-fluoro-4,5-dimethoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trimethylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX

856891-47-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-3,4-dimethoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856891-48-0 CAPLUS 1,2-Benzenedicarbonitrile, 3-chloro-4-[5-chloro-7-(2-methyl-1-pyrrolidiny)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-53-7 CAPLUS
1,2-Benzenedicarbonitrile, 4-chloro-5-[5-chloro-7-[(1,2-dimethylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

856891-54-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4,5-dimethoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

856891-55-9 CAPLUS 1,2-Benzenedicarbonitrile, 4-chloro-5-[5-chloro-7-[(1-

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) methylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

856891-56-0 CAPLUS
1,2-Benzenedicarbonitrile, 4-chloro-5-[5-chloro-7-[methyl(2,2,2-trifluoroethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

856891-57-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluoro-4,5-dimethoxyphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-62-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichloro-3-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

856891-63-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyhenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

856891-64-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxypheny1)-N-(1,2-dimethylpropy1)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

856891-59-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,5-dimethoxyphenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

856891-60-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoro-5-methoxyphenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{R-CH}_2\text{-CF}_3 \\ \text{MeO} \\ \text{Cl} \\ \text{N} \end{array}$$

856891-61-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4,5-dimethoxyphenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-65-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

RN

856891-66-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

856891-67-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichloro-3-methoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-68-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

856891-69-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

856891-70-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichloro-3-methoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $856891-74-2 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-methyl-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)$

856891-75-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

$$\begin{array}{c|c} F_3C-CH_2-NH \\ \hline \\ C1 \\ \hline \\ C1 \\ \hline \end{array}$$

856891-76-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-71-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichloro-3-methoxypheny1)-7-(3-methy1-1-pyrrolidiny1)- (CA INDEX NAME)

856891-72-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856891-73-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichloro-5-methoxyphenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-77-5 CAPLUS 1,2-Benzenedicarbonitrile, 3-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

856891-78-6 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluoro-3-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

856891-79-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-80-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

856891-81-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluoro-3-methoxypheny1)-7-(2-methy1-1-pyrrolidiny1)- (CA INDEX NAME)

856891-82-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluoro-3-methoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (9CI) (CA INDEX NAME)

RN 856891-86-6 CAPLUS
CN Benzoic acid,
5-chloro-4-(5-chloro-7-[(1,2,2-trimethylpropyl)amino][1,2,4]
triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester

856891-87-7 CAPLUS

NN 050531-67-7 CAFILOS

CN Benzoto acid,
5-chloro-4-[5-chloro-7-[(1,2-dimethylpropyl)amino][1,2,4]tri
azolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (CA INDEX NAME)

RN 856891-88-8 CAPLUS
CN Benzoic acid,
5-chloro-4-[5-chloro-7-[(1-methylpropyl)amino][1,2,4]triazol
o[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-83-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluoro-3-methoxyphenyl)-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 856891-84-4 CAPLUS
CN Benzoic acid, 3-chloro-4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester

(CA INDEX NAME)

856891-85-5 CAPLUS Benzoic acid, 5-chloro-4-[5-chloro-7-[ethyl(2-methyl-2-

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-89-9 CAPLUS
Benzoic acid, 3-chloro-4-[5-chloro-7-(2-methyl-1-pyrrolidinyl)][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (CA INDEX NAME)

RN 856891-90-2 CAPLUS
CN Benzoic acid, 3-chloro-4-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester

(CA INDEX NAME)

856891-92-4 CAPLUS
Benzoic acid, 3-chloro-4-[5-chloro-7-(3-methyl-1pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl
ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856891-94-6 CAPLUS
Benzonitrile, 3-chloro-4-[5-chloro-7-(4-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

856891-96-8 CAPLUS Benzonitrile, 5-chloro-4-[5-chloro-7-[ethyl(2-methyl-2-propenyl) amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (9CI)

(CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-05-2 CAPLUS
Benzonitrile, 3-chloro-4-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

856892-06-3 CAPLUS

Denzonitrile, 3-chloro-4-[5-chloro-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

856892-07-4 CAPLUS
Benzonitrile, 5-chloro-4-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-(CA INDEX NAME)

(Continued)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN (RN 856891-98-0 CAPLUS CN Benzonitrile, 5-chloro-4-[5-chloro-7-[(1,2,2-trimethylpropyl)amino][1,2,4] triazolo[1,5-a]pyrimidin-6-y1]-2-methoxy- (CA INDEX NAME)

RN 856892-00-7 CAPLUS CN Benzonitrile, 5-chloro-4-[5-chloro-7-[(1,2-dimethylpropy1)amino][1,2,4]tri azolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

856892-03-0 CAPLUS

CN Benzontrile, 5-chloro-4-[5-chloro-7-[(1-methylpropyl)amino][1,2,4]triazol o[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

856892-04-1 CAPLUS
Benzonitrile, 3-chloro-4-[5-chloro-7-(2-methyl-1pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-08-5 CAPLUS
Benzonitrile, 5-chloro-4-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-

Absolute stereochemistry.

856892-09-6 CAPLUS

Gleoze-Us-e Carbos (1,2-a)pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

856892-10-9 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-11-0 CAPLUS
Benzoic acid, 5-chloro-4-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

856892-12-1 CAPLUS
Benzoic acid, 5-chloro-4-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

856892-13-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856892-17-6 CAPLUS
CN Benzoic acid,
5-chloro-4-[5-chloro-7-[(2,2,2-trifluoroethyl)amino][1,2,4]t
riazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (CA INDEX NAME)

NH-CH2-CF3

856892-18-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxypheny)1-N-methy1-N-(2,2,2-trifluoroethy1)- (CA INDEX NAME)

856892-19-8 CAPLUS
Benzoic acid, 5-chloro-4-[5-chloro-7-[methyl(2,2,2-trifluoroethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-, methyl ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856892-14-3 CAPLUS
CN Benzoic acid, 5-chloro-4-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-,
methyl
ester (CA INDEX NAME)

856892-15-4 CAPLUS Benzonitrile, 5-chloro-4-[5-chloro-7-[(2,2,2-trifluoro-1-methylethylamino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-2-methoxy- (CA INDEX NAME)

856892-16-5 CAPLUS

RN 856892-10-0 CARROW
CN Benzonitrile,
5-chloro-4-[5-chloro-7-[(2,2,2-trifluoroethyl)amino][1,2,4]t
riazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-20-1 CAPLUS Benzonttrile, 5-chloro-4-[5-chloro-7-[methyl(2,2,2-trifluoroethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy-

INDEX NAME)

856892-21-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 856892-22-3 CAPLUS
CN Benzoic acid, 5-chloro-4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]anino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-2-methoxy-, methyl ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-23-4 CAPLUS
Benzonitrile, 5-chloro-4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-2-methoxy- (CA INDEX NAME)

Absolute stereochemistry.

856892-24-5 CAPLUS Benzoic acid, 2,6-dichloro-3-[5-chloro-7-[4-methyl-1-piperidinyl][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

856892-25-6 CAPLUS Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[ethyl(2-methyl-2-

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (CCN Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[(1-methylpropyl)amino][1,2,4]tri azolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME) (Continued)

856892-29-0 CAPLUS
Benzoic acid, 2,6-dichloro-3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

856892-30-3 CAPLUS
Benzoic acid, 2,6-dichloro-3-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA
INDEX NAME)

856892-31-4 CAPLUS
Benzoic acid, 2,6-dichloro-3-[5-chloro-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI)
(CA INDEX NAME)

856892-26-7 CAPLUS
Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[(1,2,2-trimethylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-, methyl

(CA INDEX NAME)

856892-27-8 CAPLUS
Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[(1,2-dimethylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

RN 856892-28-9 CAPLUS

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-32-5 CAPLUS Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

RN 856892-33-6 CAPLUS

Sobs22-33-6 CAPLUS Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[(2,2,2-trifluoroethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

856892-34-7 CAPLUS
Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl

(CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-35-8 CAPLUS Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

856892-36-9 CAPLUS Benzoic acid, 2,4-dichloro-5-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 856892-37-0 CAPLUS

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-41-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

856892-42-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

NH-СH2-СF3

856892-43-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CN [1,2,4]Triazolo[1,5-a]pyrimiddine, 5-chloro-6-(2-chloro-3-methoxyphenyl)-7- (4-methyl-1-piperidinyl)- (CA INDEX NAME) (Continued)

856892-38-1 CAPLUS [1,2,4]Triacol[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

856892-39-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

856892-40-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxypheny1)-N-(1-methylpropy1)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856892-44-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3-methoxyphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 856892-45-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-3-methoxypheny1)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

856892-46-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-47-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

856892-48-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-7-(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

856892-49-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-5-(trifluoromethy1)pheny1]-N-(2,2,2-trifluoroethy1)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-50-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

856892-51-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-N-(1-methylpropyl)- (CA INDEX NAME)

RN 856892-52-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6[2-fluoro-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-53-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-[2-fluoro-5-(trifluoromethyl)phenyl]-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

856892-54-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-3-(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

856892-55-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-56-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-[2-floro-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)

856892-57-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-5-(trifluoromethyl)phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

856892-58-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
chloro-6-(2-chloro-3-methoxyphenyl)-7(3-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-59-6 CAPLUS
Benzoic acid, 2-chloro-3-[5-chloro-7-(3-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

856892-60-9 CAPLUS Benzoic acid, 4-chloro-3-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

RN 856892-61-0 CAPLUS CN Benzoic acid, 4-chloro-3-[5-chloro-7-[(2,2,2-trifluoroethyl)amino][1,2,4]t

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Con riazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME) (Continued)

 $856892-62-1 \quad CAPLUS \\ Benzoic acid, 4-chloro-3-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)$

856892-63-2 CAPLUS
Benzoic acid, 2-chloro-3-[5-chloro-7-[4-methyl-1-piperidinyl][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA
INDEX NAME) RN CN

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 856892-64-3 CAPLUS
CN Benzoic acid, 4-chloro-3-[5-chloro-7-[ethyl(2-methyl-2-propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (9CI)
(CA INDEX NAME)

RN 856892-65-4 CAPLUS
CN Benzoic acid,
4-chloro-3-[5-chloro-7-[(1,2,2-trimethylpropyl)amino][1,2,4]
triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

856892-66-5 CAPLUS

Benzoic acid, 2-chloro-3-[5-chloro-7-(2-methyl-1-pyrrolidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

856892-67-6 CAPLUS
Benzoic acid, 2-chloro-3-[5-chloro-7-(2-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA
INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-68-7 CAPLUS Benzolc acid, 4-chloro-3-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-, methyl ester

(CA INDEX NAME)

Absolute stereochemistry.

$$\begin{array}{c} \text{Me} \\ \text{C1} \\ \text{HN} \\ \text{R} \\ \text{Bu-t} \\ \end{array}$$

RN 856892-69-8 CAPLUS CN Benzoic acid, 4-chloro-3-[5-chloro-7-[(1,2-dimethylpropyl)amino][1,2,4]tri azolo[1,5-a]pyrimidin-6-yl]-, methyl ester (CA INDEX NAME)

OMe Me

RN 856892-70-1 CAPLUS CN Benzoic acid, 4-chloro-3-[5-chloro-7-[(1-methylpropy1)amino][1,2,4]triazol o[1,5-a]pyrimidin-6-y1]-, methyl ester (CA INDEX NAME)

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L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856892-71-2 CAPLUS
CN Benzoic acid, 4-chloro-3-[5-chloro-7-[[(1R)-1,2dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-, methyl ester
(CA INDEX NAME)

Absolute stereochemistry.

RN 856892-72-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 856892-73-4 CAPLUS
CN Benzonitrile, 2-chloro-3-[5-chloro-7-(4-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856892-77-8 CAPLUS
CN Benzonitrile, 4-chloro-3-[5-chloro-7-[ethyl(1-methylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

RN 856892-78-9 CAPLUS
CN Benzonitrile, 2-chloro-3-[5-chloro-7-(2-methyl-1pyrrolidiny)][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

RN 856892-79-0 CAPLUS CN Benzonitrile, 2-chloro-3-[5-chloro-7-(2-methyl-1-piperiddinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME) L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856892-74-5 CAPLUS
CN Benzonitrile, 4-chloro-3-[5-chloro-7-[ethyl(2-methyl-2-propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

RN 856892-75-6 CAPLUS
CN Benzonitrile, 4-chloro-3-[5-chloro-7-[ethyl(1,2,2-trimethylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAMP)

RN 856892-76-7 CAPLUS
CN Benzonitrile,
4-chloro-3-[5-chloro-7-[(1,2-dimethylpropyl)ethylamino][1,2,
4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856892-80-3 CAPLUS Benzonitrile, 2-chloro-3-[5-chloro-7-[3-methyl-1-pyrrolidinyl][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

RN 856892-81-4 CAPLUS
CN Benzonitrile, 4-chloro-3-[5-chloro-7-[[(1R)-1,2,2-trimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 856892-82-5 CAPLUS
CN Benzontrile, 4-chloro-3-[5-chloro-7-[[(1R)-1,2-dimethylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-83-6 CAPLUS
Benzonitrile, 4-chloro-3-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]- (CA INDEX NAME)

RN 856892-84-7 CAPLUS CN Benzonttrile, 4-chloro-3-[5-chloro-7-[(2,2,2-trifluoroethy1)amino][1,2,4]t riazolo[1,5-a]pyrimidin-6-y1]- (CA INDEX NAME)

856892-85-8 CAPLUS
Benzonitrile, 4-chloro-3-[5-chloro-7-[methyl(2,2,2-trifluoroethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

85693-23-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3C-CH2-NH

856893-24-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-5-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

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L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856892-86-9 CAPLUS
Benzonitrile, 4-chloro-3-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

Absolute stereochemistry.

856893-21-5 CAPLUS 1,2-Benzenedicarbonitrile, 4-chloro-5-[5-chloro-7-[ethyl(2-methyl-2-propenyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} Et & CH2 \\ N-CH2-C-Me \\ \\ NC & \\ \end{array}$$

856893-22-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoro-5-methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 105 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Title compds. I [R1, R2 = alky1, cycloalky1, alkeny1, etc.; L1, L2 = H, CN, alkoxy, etc.; L3 = H, halo, CN, etc.; L4 = halo; X = halo, CN, alky1, etc.] were prepared For example, aminoarom. substitution of dichloropyrimidine II and 4-methylpiperdine afforded triazolopyrimidine III. In botrytis cinerea protection assays, 50-examples of compds. I at 63 ppm application after 5-days exhibited 70% protection rate.

FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 106 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:564671 CAPLUS DOCUMENT NUMBER: 143:97386

TITLE:

Lausibe46/1 CAPLUS
143:97386
Preparation of 6-pentafluorophenyltriazolopyrimidines for combating pathogenic fungi
Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Gramenos, Wassilios; Grote, Thomas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schweegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 40 pp.
CODEN: FIXXD2
Patent
German
1 INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

IN 2006CN02576 20070608 IN 2006-CN2576 DE 2003-10359452 20060714 A 20031217 PRIORITY APPLN. INFO.:

DE 2003-10359445 A 20031217

WO 2004-EP14210 W 20041214

OTHER SOURCE(S): MARPAT 143;97386
IT 856285-64-8P 856285-65-9P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES (Uses)

(preparation of pentafluorophenyltriazolopyrimidines for combating pathogenic fungi)

L11 ANSWER 106 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Title compds. I [R1 = alkyl, cycloalkyl, alkenyl, etc.; R2 = H, or together with R1 with provisos; X = CN, alkyl, alkoxy, etc.] were prepared.

prepared

For example, aminoarom. substitution of dichloropyrimidine II and

4-methylpiperidine afforded triazolopyrimidine III. In botrytis cinerea
protection assays, 3-examples of compds. I, at 63 ppm application, after
5-days exhibited 90% protection rate.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

(Continued)

L11 ANSWER 106 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Conti: RN 856285-64-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(4-methyl-1-piperidinyl)-6-(pentafluorophenyl)- (9Cl) (CA INDEX NAME)

856285-65-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(diethylamino)-6-(pentafluozophenyl)- (9C1) (CA INDEX NAME)

IT 205253-13-0

RL: RCT (Reactant); RACT (Reactant or reagent)

RE: RET (Reactant); RACT (Reactant or reagent) (preparation of pentafluorophenyltriazolopyrimidines for combating pathogenic fungl) 20523-1-3-0 CAELUS (1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

GI

ACCESSION NUMBER: 2005:554670 CAPLUS

DOCUMENT NUMBER: 143:77885

TITLE: Preparation of 6-(2,4,6-trihalophenyl)triazolopyrimidin nes for combating pathogenic fungi nes for combating schaefer, Peter; Schieweck, Frank; Schweegler, Anja; Wagner, Oliver; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

POCUMENT TYPE: Patent

LANGUAGE: German

PAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

WO 2004-EP14208 W 20041214

| PA: | TENT I | NO. | | | KINI |) | DATE | | | APP | LICAT | ION : | NO. | | D. | ATE | |
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| WO | 2005 | 05891 | 03 | | A1 | | 2005 | 0630 | | WO | 2004- | EP14 | 208 | | 2 | 0041 | 214 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
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| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS | , IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG | , CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, |
| | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | |
| EP | 1697 | 373 | | | A1 | | 2006 | 0906 | | EP | 2004- | 8204 | 34 | | 2 | 0041 | 214 |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR | , IT, | LI, | LU, | NL, | SE, | MC, | PT, |
| | | IE, | SI, | LT, | FI, | RO, | CY, | TR, | BG, | CZ | , EE, | HU, | PL, | SK, | IS | | |
| CN | 1890: | 243 | | | A | | 2007 | 0103 | | CN | 2004- | 8003 | 6269 | | 2 | 0041 | 214 |
| BR | 2004 | 0176 | 28 | | A | | 2007 | 0327 | | BR | 2004- | 1762 | 8 | | 2 | 0041 | 214 |
| JP | 2007 | 5146 | 80 | | Т | | 2007 | 0607 | | JP | 2006- | 5443 | 07 | | 2 | 0041 | 214 |
| US | 2007 | 1354 | 53 | | A1 | | 2007 | 0614 | | US | 2006- | 5793 | 95 | | 2 | 0060 | 515 |
| ORIT: | APP | LN. | INFO | . : | | | | | | DE | 2003- | 1035 | 9439 | | A 2 | 0031 | 217 |

OTHER SOURCE(S):

RESOURCE(S): MARPAT 143:97385 856285-73-9P 856285-74-0P RI: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)
(preparation of trihalophenyltriazolopyrimidines for combating pathogenic
fungi)
RN 856285-73-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(4-methyl-1-piperidinyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

Page 190

L11 ANSWER 107 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

856285-74-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-methoxy-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

IT 249891-01-8

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of trihalophenyltriazolopyrimidines for combating

pathogenic

ogenic fungi)
249891-01-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trichlorophenyl)- (CA INDEX NAME) CN

L11 ANSWER 108 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:564669 CAPLUS
DOCUMENT NUMBER: 143:97384
ITITLE: Preparation of
6-(2,3,6-trifluorophenyl)triazolopyrimi
dines for combating pathogenic fungi
dines for combating pathogenic fungi
Tormo i Blasco, Jordi; Blettner, Carsten; Mueller,
Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote,
Thomas; Rheinheimer, Joachim; Schaefer, Peter;
Schieweck, Frank; Schweegler, Anja; Wagner, Oliver;
Scherer, Maria; Strathmann, Siegfried; Schoefl,
Ulrich; Stierl, Reinhard
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
CODEN: PIXXD2
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | ENT: | | | | | | | | | | LICAT | | | | | ATE | |
|---------|------|------|------|-----|-----|-----|------|------|-----|-----|-------|------|------|-----|-----|------|-----|
| | | | | | | | | | | | 2004- | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KΡ, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IS | , IT, | LT, | LU, | MC, | NL, | PL, | PT, |
| | | RO, | SE, | SI, | SK, | TR, | BF, | ВJ, | CF, | CG | , CI, | CM, | GΑ, | GN, | GQ, | G₩, | ML, |
| | | MR, | NE, | SN, | TD, | TG | | | | | | | | | | | |
| CN | 1894 | 254 | | | A | | 2007 | 0110 | | CN | 2004- | 8003 | 7809 | | 2 | 0041 | 214 |
| EP | | | | | | | | | | | 2004- | | | | | | |
| | R: | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE | , ES, | FI, | FR, | GB, | GR, | HU, | IE, |
| | | IS, | IT, | LI, | LT, | LU, | MC, | NL, | PL, | PT | , RO, | SE, | SI, | SK, | TR | | |
| | | | | | | | | | | | 2004- | | | | | 0041 | 214 |
| | | | | | | | | | | | 2006- | | | | | 0041 | 214 |
| US | 2007 | 1495 | 88 | | A1 | | 2007 | 0628 | | | 2006- | | | | | 0060 | |
| RIORITY | APP: | LN. | INFO | . : | | | | | | DE | 2003- | 1035 | 9442 | 1 | A 2 | 0031 | 217 |
| | | | | | | | | | | MO. | 2004- | FD1/ | 206 | 9 | W 2 | 0041 | 21/ |

OTHER SOURCE(S): MARPAT 143:97384

IT 856558-77-59 856558-78-6P 856558-80-0P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES

(Uses)
(Uses)
(Userparation of trifluorophenyltriazolopyrimidines for combating pathogenic
(Eungi)
RN 856558-77-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(2-methyl-1-piperidinyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 107 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

Title compds. I [R1 = alkyl, cycloalkyl, alkenyl, etc.; R2 = H, or together with R1 with provisos; L1, L2, L3 = C1, F; X = CN, alkyl,

together with KI with provisor, L., L.,
alkoxy,
etc.] were prepared For example, tetrabutylammonium cyanide medaited
nitrilation of chloropyrimidine II afforded triazolopyrimidine III. In
botrytis cinerea protection assay, 1-example compound I, at 250 ppm
application, after 5-days exhibited 100% protection.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 108 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 856558-78-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-methoxy-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

856558-80-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(cyclopentylamino)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

IT 292035-77-9 292035-78-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of trifluorophenyltriazolopyrimidines for combating pathogenic
fungi)
RN 292035-77-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 108 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-78-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-piperidinyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

GI

ACCESSION NUMBER:

DOCUMENT NUMBER:

INVENTOR(S):

ANSWER 109 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ESSION NUMBER: 2005:540442 CAPLUS

LE: Symergistic fungicidal mixture comprising a triazolopyrimidine derivative and dinocap.

ENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

ENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

PCT Int. Appl., 18 pp.

CODEN: PIXXD2

Patent

GGAGE: German

ENT INFORMATION: PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

NO. KIND DATE APPLICATION NO. DATE

3055721 A1 20050623 W0 2004-EP13936 20041208
AE, AG, AL, AM, AT, AU, AC, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, ET, GB, GE, GH, GM, HR, HU, ID, II, IN, IS, JF, KE, KG, KF, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, DM, MG, MK, NM, MM, MK, MZ, NA, TN, NO, NZ, CM, FG, PH, PL, PT, RO, BU, SC, SD, SE, SC, SK, SL, SY, TI, TM, TM, TT, TT, TZ, UA, UG, US, UZ, VC, VN, VY, ZA, ZM, WE BW, GH, GM, KE, LS, MW, MZ, NA, NM, EM, NA, MX, EM, NA, MX, BBN, GH, GM, KE, LS, MW, MZ, NA, NA, SD, SL, SZ, TZ, UC, ZM, ZW, ZM, AZ, BY, KG, KZ, MD, BU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FT, FF, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GN, ML, MK, NE, SN, TD, TG
296541 A1 20050623 AU 2004-2549272 20041208 PATENT NO. KIND DATE APPLICATION NO. WO 2005055721 RW: AU 2004-296541 CA 2004-2549222 EP 2004-803614 AU 2004296541 CA 2549222 EP 1694125 A1 A1 20050623 20060830 20041208 CA 2549222 A1 20050630 EP 2004-803614 20041208 EP 1694125 A1 20060830 EP 2004-803614 20041208 EP 2048-803614 20041208 EP 2049-803614 20041208 EP 2049-US 2007117814 IN 2006CN02499 IN 2006-CN2499 20070608 20060707 PRIORITY APPLN. INFO.: DE 2003-10358073 A 20031210

854008-30-3
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(symergistic fungicidal mixture)
854008-30-3 CAPLUS
2-Butenoic acid, 2(or 4)-isooctyl-4,6(or 2,6)-dinitrophenyl ester, mixt.
with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

WO 2004-EP13936

W 20041208

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 108 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Title compds. I [Rl = alkyl, haloalkyl, cycloalkyl, etc.; R2 = H, or together with Rl with provisos; X = CN, alkyl, alkoxy, etc.] were prepared

prepared

For example, tetrabutylammonium cyanide mediated nitrilation of chloropyrimiddine II afforded triazolopyrimiddine III. In botrytis cinerea protection assays, 4-examples of compds. I, at 250 ppm application, after 5-days exhibited 90% protection.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 109 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

39300-45-3 C18 H24 N2 O6 IDS

D1-NO2

D1- (C8H17)

AB Synergistic fungicidal mixts. comprise a mixture of 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-triffluorophenyl)[1,2,4]triazolo[1,5]pyrimidine and dinocap. The mixt, is useful for the control of COmycetes, especially Plasmopara viticola.
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE ER

FORMAT

HO₂c-cH₂-cH₂-cO₂H RN 852954-81-5 CAPLUS Page 193

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L11 ANSWER 110 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:497488 CAPLUS DOCUMENT NUMBER: 143:26646
                                                                                                   143:26646
Preparation of 1,2,4-triazolo[1,5-a]pyrimidines as tubulin inhibitors
Wu, Yanzhong; Schmid, Jean; Afragola, Jay Thomas;
Blum, David; Ayral-Kaloustian, Semiramis
Wyeth, John, and Brother Ltd., USA
U.S. Pat. Appl. Publ., 13 pp.
CODEN: USXXCO
Patent
 TITLE:
 INVENTOR(S):
 PATENT ASSIGNEE(S):
 DOCUMENT TYPE:
LANGUAGE:
                                                                                                     English
  LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                    PATENT NO.
                                                                                                     KIND
                                                                                                                               DATE
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                  200 41208
200 41207
200 41207
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EZ, CA, CH,
FI, GB, GB,
KR, KZ, LC,
MZ, NA, NI,
SK, SL, SY,
ZA, ZM, ZW
ZM, ZW, AM,
CZ, DE, DK,
NL, PL, FT,
GQ, GW, ML,
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                      ES 2281850
IN 2006KN01400
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NO 2006-2492
MX 2006-PA6538
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                      NO 2006002492
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MX 2006D02492
MX 2006PA06538
HK 1090377
PRIORITY APPLN. INFO.:
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A1
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US 2003-527931P
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                                                                                                                                                                                WO 2004-ITS40854
                                                                                                                                                                                                                                                              W 20041207
OTHER SOURCE(S): CASREACT 143:26646; MARPAT 143:26646
IT 852954-80-P 852954-79-1P 852954-80-4P
852954-81-5P
                      852954-81-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 L11 ANSWER 110 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
                                                                                                                                                                                                                                                        (Continued)
 MeNH- (CH2)3-C
 _{\rm HO_2C-CH_2-CH_2-CO_2H}
                     832934-80-4 CAPLUS
Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-
(methylamino)propoxy]phenyl]-N-[(18)-2,2,2-trifluoro-1-
methylethyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:1) (CA INDEX
 NAME)
                    CM 1
                     CRN 849550-05-6
CMF C18 H18 C1 F5 N6 O
 Absolute stereochemistry.
MeNH (CH<sub>2</sub>)3
                     CM 2
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L11 ANSWER 110 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
                                                                                                                        (Continued)
          (prepn. of 1,2,4-triazolo[1,5-a]pyrimidines as tubulin inhibitors) 852954-78-0 CAPLUS
          832934-78-U CALLOS
Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:1) (CA INDEX
NAME.)
          CM 1
          CRN 849550-37-4
CMF C18 H18 C1 F5 N6 O
 MeNH- (CH2)3-
          CRN 110-15-6
CMF C4 H6 O4
 но<sub>2</sub>с-сн<sub>2</sub>-сн<sub>2</sub>-со<sub>2</sub>н
          852954-79-1 CAPLUS Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:1), dihydrate
 (9CI)
              (CA INDEX NAME)
          CM 1
          CRN 849550-37-4
CMF C18 H18 C1 F5 N6 O
L11 ANSWER 110 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-
(methylamino)propoxy]pheny]-N-[(18)-2,2,2-trifluoro-1-
methylethyl][1,2,4]triarolo[1,5-a]pyrimidin-7-amine (1:1), dihydrate
 (9CI)
              (CA INDEX NAME)
          CM 1
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Absolute stereochemistry.

MeNH
(CH2)3

F
HN
S
CF3

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

CM 2 CRN 110-15-6 CMF C4 H6 O4

но₂с-сн₂-сн₂-со₂н

IT 249648-16-6P
 RL: RCT (Reactant); SFN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of 1,2,4-triazolo[1,5-a]pyrimidines as tubulin inhibitors;
RN 249648-16-6 CAPLUS
 (N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

F HN S CF3

L11 ANSWER 110 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) GI

Title compds. I [R1 = CF3, C2F5; R2 = H, alkyl; n = 2-4; X = Cl, Br; R3, R4 = H, alkyl with provisos] and their pharmaceutically acceptable salts were prepared For example, condensation of triflurophenyl II and 3-methylaninopropan-1-ol, after aqueous work-up afforded the dihydrate succinate salt of triazolopyrimidine III in 80% yield. AB

L11 ANSWER 111 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CM 1 (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 60207-90-1 CMF C15 H17 C12 N3 O2

AB A synergistic fungicidal mixture for rice comprise 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and propiconazole. The mixture is especially effective against

Pyricularia oryzae.
REFERENCE COUNT: 2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 111 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:423699 CAPLUS
DOCUMENT NUMBER: 142:458556

TITLE: Symergistic fungicidal mixture for rice comprising a trianclopyrimidine derivative and propiconazole
INVENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S):

Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 20 pp. CODEN: PIXXD2 Patent

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA | TENT | NO. | | | | | DATE | | | | ICAT | | | | | ATE | |
|-------|-------|------|------|-----|-----|------|------|------|------|------|-------|------|------|-----|-----|--------------|-----|
| WC | 2005 | 0440 | 09 | | | | | | | | | | | | | 0041 | 105 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY, |
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| | RW: | | | | | | | | | | SL, | | | | | | |
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| | | | SN, | | | | | | | | | | | | | | |
| | 2004 | | | | | | | | | | | | | | | 0041 0041 | |
| | 2544 | | | | | | | | | | 2004- | | | | | | |
| EF | | | | | | | | | | | IT. | | | | | | |
| | F. F | | | | | | | | | | CZ. | | | | | | |
| | | IL, | 51, | ш1, | LV, | Е 1, | RO, | C1, | 11/, | ьо, | C2, | EE, | no, | Fы, | 51 | nn, | 10, |
| CIN | 1878 | 467 | | | A | | 2006 | 1213 | | CN 2 | 004- | 2003 | 3080 | | 2 | 0041 | 105 |
| | 2004 | | 43 | | A | | 2007 | | | | 2004- | | | | | 0041 | |
| JE | 2007 | 5106 | | | | | 2007 | 0426 | | JP 2 | 006- | 5387 | 49 | | 2 | 0041 | 105 |
| MX | 2006 | PA04 | 576 | | A | | 2006 | 0720 | | MX 2 | 006- | PA45 | 76 | | 2 | 0060 | 425 |
| | 2007 | | | | | | 2007 | 0412 | | US 2 | 006- | 5774 | 01 | | 2 | 0060 | 427 |
| NC | 2006 | 0022 | 66 | | A | | 2006 | 0803 | | NO 2 | 006- | 2266 | | | 2 | 0060 | 519 |
| IN | 2006 | CN02 | 037 | | A | | 2007 | 0608 | | IN 2 | 006- | CN20 | 37 | | 2 | 0060 | 609 |
| IORIT | Y APP | LN. | INFO | . : | | | | | | DE 2 | 2003- | 1035 | 2873 | | A 2 | 0031 | 110 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | , | WO 2 | 004- | EP12 | 513 | | W 2 | 0041 | 105 |
| | | | | | | | | | | | | | | | | | |

TT 851445-63-1

L11 ANSWER 112 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:405333 CAPLUS
TITLE: 2005:405333 CAPLUS
Synergistic fungicidal mixture for rice comprising a triazolopyrimidine derivative and fenpiclonil
TOWNOTION (S): Tormo is Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
FOT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: DATENT INFORMATION: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | | | rion | | | | | |
|----|------|------|-----|-----|-----|-----|------|------|-----|----|-------|----------------|-----|-----|-----|------|-----|
| WO | 2005 | 0416 | 88 | | A1 | | 2005 | 0512 | | WO | 2004 | -EP12 | 119 | | 2 | 0041 | 027 |
| | W: | ΑE, | AG, | AL, | AM, | ΑT, | AU, | ΑZ, | BA, | BB | , BG | BR, | BW, | BY, | ΒZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | ΗU, | ID, | IL, | IN, | IS | , JP. | KE, | KG, | KP, | KR, | ΚZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC | SD, | SE, | SG, | SK, | SL, | SY, |
| | | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ | VC, | VN, | YU, | ZA, | ZM, | zw |
| | RW: | BW, | GH, | GM, | KΕ, | LS, | MW, | ΜZ, | NA, | SD | , SL | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KΖ, | MD, | RU, | ΤJ, | TM, | AT | , BE | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | | | | | | | | | | | MC, | | | | | |
| | | | | | BF, | ΒJ, | CF, | CG, | CI, | CM | , GA | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | | TD, | | | | | | | | | | | | | | |
| | 2542 | | | | | | | | | | | -2542 | | | | | |
| EP | 1681 | | | | | | | | | | | -7908 | | | | | |
| | R: | | | | | | | | | | | LI, | | | | MC, | PT, |
| | | | SI, | LT, | | | | | | | | EE, | | | | | |
| | 1874 | | | | A | | | | | | | -8003 | | | | | |
| | 2004 | | | | | | | | | | | -1607 | | | | | |
| | 2007 | | | | | | 2007 | | | | | -5371 | | | _ | 0041 | |
| | 2006 | | | | | | 2006 | | | | | -PA39 | | | | 0060 | |
| | 2007 | | | | A1 | | 2007 | | | | | -5762 | | | | | |
| | 2006 | | | | A | | 2006 | | | | | -2013 | | | _ | 0060 | |
| | 2006 | | | | A | | 2007 | 0223 | | | | -CN18 -1035 | | | | 0060 | |

WO 2004-EP12119 W 20041027

851024-79-8
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture for rice)
851024-79-8 CAPLUS
1H-Pyrrole-3-carbonitrile, 4-(2,3-dichlorophenyl)-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 112 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 74738-17-3

AB A synergistic fungicidal mixture for rice comprises 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]-pyrimidine and fenpiclonil. The mixture is especially useful against Cochliobolus

miyabeanus. REFERENCE COUNT:

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 113 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 5234-68-4 CMF C12 H13 N O2 S

AB A synergistic fungicidal mixture for rice comprises 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluoropheny1)-[1,2,4]triazolo[1.5-a]pyrimidine and carboxin. The mixture is especially effective against Pyricularia oryzae.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THE

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 113 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:405332 CAPLUS
DOCUMENT NUMBER: 142:425353
TITLE: Symergistic fungicidal mixture for rice comprising a trianclopyrimidine derivative and carboxin
TOTRO i Blacco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 18 pp. CODEN: PIXXD2 Patent PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ENT | NO. | | | KIN | | DATE | | | APP | LICAT | ION : | NO. | | D. | ATE | |
|---------|------|------|------|-----|-----|-----|------|------|-----|-----|-------|-------|------|-----|-----|------|-----|
| WO | 2005 | 0416 | 57 | | A1 | | 2005 | 0512 | | WO | 2004- | EP12 | 116 | | 2 | 0041 | 027 |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | ВВ | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IT | , LU, | MC, | NL, | PL, | PT, | RO, | SE, |
| | | SI, | SK, | TR, | BF, | ΒJ, | CF, | CG, | CI, | CM | , GA, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | | TD, | | | | | | | | | | | | | | |
| | | | | | | | | | | ΑU | 2004- | 2852 | 77 | | 2 | 0041 | 027 |
| | 2004 | | | | | | | | | | | | | | | | |
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| EP | | | | | | | | | | | 2004- | | | | | | |
| | R: | | | | | | | | | | , IT, | | | | | | PT, |
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| | 1874 | | | | | | | | | | 2004- | | | | | | |
| | 2004 | | | | | | | | | | 2004- | | | | | | |
| | 2007 | | | | | | | | | | 2006- | | | | | | |
| | 2006 | | | | | | | | | | 2006- | | | | | | |
| | | | | | | | | | | | 2006- | | | | | | |
| | | | | | | | | | | | 2006- | | | | | | |
| | | | | | A | | 2007 | 0223 | | | 2006- | | | | | | |
| RIORITY | APP | LN. | INFO | . : | | | | | | DE | 2003- | 1035 | 0813 | | A 2 | 0031 | 029 |
| | | | | | | | | | | WO | 2004- | EP12 | 116 | | W 2 | 0041 | 027 |

851024-87-8

OSIUC4-07-0 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture for rice) 851024-87-8 CAPLUS 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-phenyl-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L11 ANSWER 114 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:405331 CAPLUS
TITLE: 2005:405331 CAPLUS
TITLE: Synergistic fungicidal mixture comprising a triazolopyrimidine derivative and fludioxonil
TOWNOTOR(S): Torno i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PTXND2
DOCUMENT TYPE: DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | | LICAT | | | | | ATE | |
|----------|-------|-------|------|-----|-----|-----|------|------|-----|-----|--------|------|------|-----|-----|------|-----|
| | | | | | | | | | | | 2004- | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SI |), SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | II | , LU, | MC, | NL, | PL, | PT, | RO, | SE, |
| | | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM. | 1, GA, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | SN, | TD, | TG | | | | | | | | | | | | | |
| CA | 2542 | 258 | | | A1 | | 2005 | 0512 | | CA | 2004- | 2542 | 258 | | 2 | 0041 | 027 |
| EP | 1681 | 927 | | | A1 | | 2006 | 0726 | | EP | 2004- | 7908 | 93 | | 2 | 0041 | 027 |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GF | , IT, | LI, | LU, | NL, | SE, | MC, | PT, |
| | | IE, | SI, | LT, | LV, | FI, | RO, | CY, | TR, | BG | CZ, | EE, | HU, | PL, | SK | | |
| CN | 1874 | 584 | | | A | | 2006 | 1206 | | CN | 2004- | 8003 | 2162 | | 2 | 0041 | 027 |
| BR | 2004 | 0160 | 77 | | A | | 2007 | 0102 | | BR | 2004- | 1607 | 7 | | 2 | 0041 | 027 |
| JP | 2007 | 5098: | 80 | | Т | | 2007 | 0419 | | JP | 2006- | 5371 | 69 | | 2 | 0041 | 027 |
| | | | | | | | | | | | 2006- | | | | | | |
| | 2007 | | | | | | | | | | 2006- | | | | | | |
| | | | | | | | | | | | 2006- | | | | | | |
| | 20060 | | | | A | | 2007 | 0223 | | | 2006- | | | | | | |
| PRIORIT: | Y APP | LN. | INFO | .: | | | | | | DE | 2003- | 1035 | 0820 | | A 2 | 0031 | 029 |
| | | | | | | | | | | WO | 2004- | EP12 | 115 | | W 2 | 0041 | 027 |

851025-36-0

851025-36-0
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(symergistic fungicidal mixture)
851025-36-0 CAPLUS
1H-Fyrrole-3-carbonitrile, 4-(2,2-difluoro-1,3-benzodioxol-4-yl)-, mixt.
with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 114 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

131341-86-1 C12 H6 F2 N2 O2

AB A synergistic fungicidal mixture comprises 5-chloro-7-(4-methylpiperidin-1-y1-6-(2,4,6-triflworophenyl)-[1,2,4]-triazolo[1,5-a]pyrimidine and fludioxonil.

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 115 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 187233-48-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-m-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-17-9 CAPLUS

Page 196

L11 ANSWER 115 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:405320 CAPLUS

DOCUMENT NUMBER: 142:425351

Synergistic fungicidal combinations comprising a carboxamide derivative

Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Suty-Heinze, Anne

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PIXTURE POCUMENT TYPE: Patent

LANGUAGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| F | AI | ENT I | . OP | | | KIN | | DATE | | | APF | LICAT | ION | NO. | | D | ATE | |
|-------|-----|-------|------|------|-----|-----|-----|------|------|-----|-----|--------|------|------|-----|-----|------|-----|
| | | 2005 | | | | A2 | | | | | wo | 2004- | EP11 | 403 | | 2 | 0041 | 012 |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BE | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | | | | | | | | | | , SC, | | | | | | |
| | | | | | | | | | | | | , UZ, | | | | | | |
| | | RW: | | | | | | | | | | , SL, | | | | | | |
| | | | | | | | | | | | | , BE, | | | | | | |
| | | | | | | | | | | | | LU, | | | | | | |
| | | | | | | BF, | ВJ, | CF, | CG, | CI, | CM. | 1, GA, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | | | TD, | | | | | | | | | | | | | | |
| | | 1034 | | | | | | | | | | 2003- | | | | | | |
| | | | | | | | | | | | | 2004- | | | | | | |
| | | | | | | | | | | | | 2004- | | | | | | |
| | | 2543 | | | | | | | | | | 2004- | | | | | 0041 | |
| E | P | 1677 | | | | | | | | | | 2004- | | | | | | |
| | | к: | | | | | | | | | | , IT, | | | | | | |
| | | | IE, | SI, | LT, | LV, | PΙ, | KO, | MK, | CY, | AL | , TR, | BG, | CZ, | EE, | HU, | PL, | SK, |
| | ът. | 1870 | 005 | | | 7. | | 2006 | 1120 | | CNI | 2004- | 0002 | 1206 | | 2 | 0041 | 012 |
| | | | | | | | | | | | | 2004- | | | | | | |
| | ZI. | 2004 | 2137 | 00 | | T. | | 2006 | 1713 | | | 2004- | | | | | 0041 | |
| N | IV. | 20061 | 0201 | 30 G | | 7 | | 2006 | 0615 | | | 2006- | | | | | | |
| | | 2006 | | | | | | 2006 | | | | 2006- | | | | | | |
| - | - | APP | | | | | | 2000 | | | | 2003- | | | | | | |
| 20112 | | | | | | | | | | | ~ ~ | | 2009 | | | | | |
| | | | | | | | | | | | WO | 2004- | EP11 | 403 | | W 2 | 0041 | 012 |
| | | | | | | | | | | | | | | | | | | |

OTHER SOURCE(S): MARPAT 142:425351
IT 187233-48-3D, mixture with carboxamide derivative 214706-53-3D
, mixture with carboxamide derivative 249648-16-6D, mixture with carboxamide derivative 249648-16-6D, mixture with carboxamide derivative 851018-86-5 851018-87-6
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal composition)

L11 ANSWER 115 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

851018-86-5 CAPLUS
1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-, mixt. with 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 494793-67-8 CMF C18 H24 F N3 O

CM 2

L11 ANSWER 115 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $851018-87-6 \quad CAPLUS \\ 1H-Pyrazole-4-carboxamide, N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl, mixt. with 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)$

CRN 494793-67-8 CMF C18 H24 F N3 O

CM

424824-17-9 C16 H15 C1 F3 N5

Absolute stereochemistry.

L11 ANSWER 115 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Synergistic fungicidal combinations comprise a carboxamide derivative I [RI =H, halo or (halo)alkyl; Rl = (un)substituted Ph, furyl, pyridinyl, etc.] and any of a very large number of known fungicides.

ANSWER 116 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
DESSION NUMBER: 2005:394995 CAPLUS
UMENT NUMBER: 142:406017
LE: Synergistic fungicidal mixture of a ACCESSION NUMBER: DOCUMENT NUMBER: TITLE: triazolopyrimidine derivative and carbendazim
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;
Stierl, Reinhard; Strathmann, Siegfried; Schoefl,
Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 18 pp.
CODEN: PIXXB2
Patent
German INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. WO 2005039295 RW: A1 AU 2004-283042 AU 2004283042 20050506 20041027 CA 2004-2543297 EP 2004-817271 CA 2543297 EP 1681930 A1 A1 20050506 20060726 20041027 20041027 1681930 A1 20060726 EP 2004-817271 20041027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NI, SE, MC, PT, IT, IS, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, FL, SK
1874682 A2 200410615 A 20061206 CN 2004-8003210 20041027
2007509879 T 20070102 BR 2004-16015 20041027
2006F0A04015 A 20060720 MX 2006-573168 200401027
2006F0A04015 A 20060720 MX 2006-PA4015 20060417
2006002011 A 20060725 NO 2006-576205 20060417
2006002011 A 20060725 NO 2006-2011 20060553 CN 1874682 CN 1874682 BR 2004016015 JP 2007509879 MX 2006PA04015 US 2007129384 NO 2006002011 IN 2006-CN1893 DE 2003-10350811 IN 2006CN01893 PRIORITY APPLN. INFO.: 20070223 20060529 A 20031029 WO 2004-EP12114 W 20041027

850456-48-3
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture)
850456-48-3 CAPLUS
Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 214706-53-3

Page 197

L11 ANSWER 116 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C17 H15 C1 F3 N5 (Continued)

CM

C9 H9 N3 O2

'nн

A mixture of

AB A MIXTURE OF 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and carbendazim is a synergistic agrochem. fungicide.

REFERENCE COUNT: 1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

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L11 ANSWER 117 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:369188 CAPLUS DOCUMENT NUMBER: 142:406012
                                                                                         142:400012
Synergistic fungicidal mixture for rice comprising a
TITLE:
                                                                                       Sympastic Impactatal maxture for free comprising a triazolopyrimidine derivative and metalaxyl-M. Tormo I Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
INVENTOR(S):
                                                                                       Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 20 pp.
CODEN: PIXXD2
Patent
PATENT ASSIGNEE(S):
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                PATENT NO.
                                                                                        KIND
                                                                                                              DATE
                                                                                                                                                          APPLICATION NO.
                                                                                                                                                                                                                                            DATE
              2004281522 A1 20050428 CA 2004-2541672 20041008 CA 2004-2541672 A1 20050428 CA 2004-2541672 20041008 CA 2004-2541672 2004108 CA 2004-2541672 2004108 CA 2004-2541672 2004108 CA 2004-2541672 20041008 CA 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 2004-2541672 
                 IE, SI,
CN 1867254
BR 2004015359
JP 2007508340
MX 2006PA03447
                  US 2007015770
NO 2006001892
                  IN 2006CN01721
PRIORITY APPLN. INFO.:
                                                                                                                                                        WO 2004-EP11256
                                                                                                                                                                                                                               W 20041008
TT
                 850246-66-1
                85D246-66-1
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture for rice)
85D246-66-1 CAPLUS
D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt.
with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-
trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)
               ANSWER 118 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:
                                                                                      2005:369187 CAPLUS
142:387632
Synergistic fungicidal mixture for rice comprising a
triazolopyrimidine derivative and sulfur
Tormo I Blasco, Jordi; Grote, Thomas; Scherer, Maria;
Stierl, Reinhard; Strathmann, Siegfried; Schoefl,
Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 14 pp.
CODEN: PIXXD2
Patent
CODEN: PIXXD2
Patent
1
                                                                                                                                 CAPLUS
 DOCUMENT NUMBER:
INVENTOR(S):
PATENT ASSIGNEE(S):
DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
            AU 2004281523
CA 2541644
                                                                                          A1
A1
                                                                                                                                                        CA 2004-2541644
                                                                                                                                                                                                                                           20041008
                                                                                                               20050428
                PRIORITY APPLN. INFO.:
                                                                                                                                                         WO 2004-EP11257
                                                                                                                                                                                                                               W 20041008
                850016-23-8
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture for rice)
850016-23-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-
(2,4,6-trifluorophenyl)-, mixt. with sulfur (9CI) (CA INDEX NAME)
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(Continued)
L11 ANSWER 117 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
         CRN
               214706-53-3
                 C17 H15 C1 F3 N5
 Absolute stereochemistry. Rotation (-).
AB A synergistic fungicidal mixture for rice comprise 5-chloro-7-(4-methylpipedridin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and metalaxyl-M. The mixture is especially useful for controlling

refrecence COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR 1
                                                    THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT
L11 ANSWER 118 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
                                                                                                     (Continued)
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CM 2
CRN 7704-34-9
CMF S
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AB A synergistic fungicidal mixture of 5-chloro-7-(4-methylpiperidin-1-y1)-6(2,4,6-trifluorophenyl)-[1,2,4]-triazolo[1,5-a]pyrimidine and sulfur are suited for the control of fungal pathogens of rice, such as Cochliobolus mivabeanus.

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 119 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:346776 CAPLUS DOCUMENT NUMBER: 142:369300 Synergistic fungicidal mixture for rice comprising TITLE: Syneryistic Implicate an acture for free compitaling triazolopyrimidine derivative and fluazinam Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich INVENTOR(S): Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 24 pp. CODEN: PIXXD2 Patent PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: German PATENT NO. KIND DATE APPLICATION NO. DATE A1 A1 A1 AU 2004-280080 CA 2004-2540296 EP 2004-765861 CA 2540296 EP 1672979 20050421 20060628 20041007 1672919 Al 20060628 EP 2004-765861 20041007
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, FL, SK
1855848 A 20061108 CN 2004-80028429 20041007
2007533629 T 20071122 JP 2006-530109 20041007
2007533629 T 20071122 JP 2006-530109 20041007
2005633629 A 2006008 MX 2006-PA3232 200600323
2006001384 A 2006008 MX 2006-1384 20060323
2006001384 A 2006103 NO 2006-1384 20060323
2006264447 Al 20061123 US 2006-574083 20060330
2006CN01590 A 20070608 IN 2006-CN1590 20060509
APPLN. INFO:: DE 2003-10347662 A 2003109 2004100 CN 1859848 CN 1859848 BR 2004015093 JP 2007533629 MX 2006PA03232 NO 2006001384 2006264447 IN 2006CN01590 PRIORITY APPLN. INFO.: WO 2004-EP11184 W 20041007 849609-12-7
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture)
849609-12-7 CAPLUS
2-Pyridinamine, 3-chloro-N-[3-chloro-2,6-dinitro-4(trifluoromethyl)phenyl]-5-(trifluoromethyl)-, mixt. with IT 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9C1) (CA INDEX NAME)

CAPLUS COPYRIGHT 2008 ACS on STN 2005:346775 CAPLUS 142:369299 Synergistic fungicidal mixture for rice comprising a triazolopyrimidine derivative and fenhexamid Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 23 pp. CODEN: PIXXD2 Patent German 1 ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: NO. KIND DATE APPLICATION NO. DATE

3034629 A1 20050421 W0 2004-EP11025 20041002

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BN, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, CK, GM, HR, HJ, ID, II, IN, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NA, NI, NO, NZ, CM, FG, FB, FL, FT, KO, RU, SC, SD, SE, SG, SK, SL, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, BM, GB, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TT, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NIL, PL, FT, RO, SE, SI, SK, TR, SF, BJ, CF, GG, CI, CM, GA, GR, GQ, GW, MIL, MR, NE, SN, TD, TG PATENT NO. WO 2005034629 RW: CA 2540292 EP 1672980 CN 1859849 BR 2004015077 JP 2007508258 MX 2006PA03408

ANSWER 120 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

IT

849607-40-5
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(symergistic fungicidal mixture for rice)
849607-40-5 CAPLUS
Cyclohexanecarboxamide, N-(2,3-dichloro-4-hydroxyphenyl)-1-methyl-, mixt.
with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

DE 2003-10347660

WO 2004-EP11025

A 20031009

W 20041002

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

NO 2006001386 US 2007004759 760746 IN 2006CN01591 PRIORITY APPLN. INFO.: L11 ANSWER 119 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 1

79622-59-6 C13 H4 C12 F6 N4 O4

AB The title mixture comprises 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trichloropheny1)-[1,2,4]triazolo[1,5-a]pyrimidine and fluazinam.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

1.11 ANSWER 120 OF 199 CADLIS CODVETCHT 2008 ACS OF STN (Continued)

AB The title mixture comprises 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and fenhexamid.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 121 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:346774 CAPLUS
DOCUMENT NUMBER: 142:387616
TITLE: Synergistic fungicidal combinations comprising carboxamide derivatives
Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hanz-Ludwig; Suty-Heinze, Anner Rieck, Heiko Heiko
Bayer Cropscience Aktiengesellschaft, Germany
PCT Int. Appl., 141 pp.
CODEN: PIXXD2
Patent PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 142:387616
IT 187233-48-3D, mixture with carboxamide derivative 214706-53-3D, mixture with carboxamide derivative 219648-16-6D, mixture with carboxamide derivative 249648-16-6D, mixture with carboxamide derivative 849674-60-8 849674-61-9
RL: AGR (Agricultural use), BIOL (Biological study); USES (Uses) (synergistic fungicidal combination)
RN 187233-48-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

(Continued)

ANSWER 121 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Cont. 424824-17-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 849674-60-8 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)3-(difluoromethyl)-1-methyl-, mixt. with
5-chloro-N-[(1S)-2,2,2-trifluoro-

1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7amine (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3 CMF C18 H12 C12 F3 N3 O

249648-16-6 C14 H8 C1 F6 N5

L11 ANSWER 121 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 121 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

RN 849674-61-9 CAPLUS
CN 1H-Pyrazole-4-carboxamide,
N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)3-(difluoromethyl)-1-methyl-, mixt. with 5-chloro-N-[(1R)-1,2-

dimethylpropy1]-6-(2,4,6-trifluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7amine (9CI) (CA INDEX NAME)

CM 1

CRN 581809-46-3 CMF C18 H12 C12 F3 N3 O

CRN 424824-17-9 CMF C16 H15 C1 F3 N5

L11 ANSWER 121 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Synergistic fungicidal mixts. comprise a carboxamide derivative I [Rl= H (un)substituted Ph, imidazolyl, thiazolyl, etc.] and any of 22 groups of known fungicides.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 122 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 849607-12-1 CAPLUS
CN 1H-IsoIndole-1,3(2H)-dione,
3,4,7,7a-tetrahydro-2-[(trichloromethyl)thio], mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)(1,2,4]triazole[1,5-alpyrimidine and 2[(trichloromethyl)thio]-1H-isoIndole-1,3(2H)-dione (9CI) (CA INDEX NAME)

CM 1

CM 2

CRN 133-07-3 CMF C9 H4 C13 N O2 S

CM 3

CRN 133-06-2 CMF C9 H8 C13 N O2 S

AB The title mixture comprises 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-

Page 201

L11 ANSWER 122 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:316290 CAPLUS
DOCUMENT NUMBER: 142:369292
TITLE: Synergistic fungicidal mixture for rice comprising a triazolopyrimidine derivative, captan and folpet
TORNO is Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
SOURCE: PTXND2
DOCUMENT TYPE: Patent
LANGUAGE: German

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | TENT | | | | | | DATE | | | | | | | | | | | |
|--------|----------------------|-------|------|-----|-----|-----|------|------|-----|----|----|------|-------|------|-------|-----|------|-----|
| | 2005 | | | | | | | | | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BE | 3, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | D2 | 2, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | ٥, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | 3, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | J, | SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | 3, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SI |), | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT | Γ, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | | | | | | GR, | | | | | | | | | | | |
| | | | | | BF, | ΒJ, | CF, | CG, | CI, | CM | 1, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | | TD, | | | | | | | | | | | | | | | |
| AU | 2004 | 2773: | 24 | | A2 | | 2005 | 0414 | | ΑU | 20 | 04- | 2773: | 24 | | 2 | 0040 | 914 |
| AU | 2004 | 2773: | 24 | | A1 | | 2005 | 0414 | | | | | | | | | | |
| CA | 2537 1667 1667 | 593 | | | A1 | | 2005 | 0414 | | CA | 20 | 04- | 2537 | 593 | | 2 | 0040 | 914 |
| EP | 1667 | 526 | | | A1 | | 2006 | 0614 | | ΕP | 20 | 04- | 7651 | 57 | | 2 | 0040 | 914 |
| EP | 1667 | 526 | | | В1 | | 2007 | 0214 | | | | | | | | | | |
| | R: | | | | | | | | | | | | | | | | MC, | PT, |
| | | | | | | | RO, | | | | | | | | | | | |
| | 1856 | | | | A | | 2006 | 1101 | | CN | 20 | 04- | 3002 | 7439 | | 2 | 0040 | 914 |
| BR | 2004 | 0145 | 03 | | A | | 2006 | 1107 | | BR | 20 | 04- | 1450 | 3 | | 2 | 0040 | 914 |
| | 3535 | | | | Т | | 2007 | 0315 | | AT | 20 | 04- | 7651 | 57 | | 2 | 0040 | 914 |
| JP | 2007 | 5058 | 52 | | Т | | 2007 | 0315 | | JP | 20 | 06- | 5265 | 70 | | 2 | 0040 | 914 |
| | 2281 | | | | | | 2007 | | | | | | | | | | | |
| | 2006 | | | | | | | | | | | | | | | | | |
| | 2007 | | | | | | | | | | | | | | | | | |
| | 2006 | | | | | | | | | | | | | | | | | |
| | 2006 | | | | | | 2007 | 0706 | | | | | | | | | | |
| RIORIT | / APP | LN. | INFO | . : | | | | | | DE | 20 | 03- | 1034 | 4147 | | A 2 | 0030 | 922 |
| | | | | | | | | | | DE | 20 | 04- | 1020 | 0402 | 2684. | A 2 | 0040 | 505 |
| | | | | | | | | | | WO | 20 | 04-1 | EP10: | 241 | | W 2 | 0040 | 914 |

849607-12-1 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture)

L11 ANSWER 122 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine, captan and folpet. REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

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10582984.trn
L11 ANSWER 123 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
                                                                2005:316289 CAPLUS
142:369291
ACCESSION NUMBER:
                                                               142:369291
Synergistic fungicidal mixture comprising a triazolopyrimidine derivative and tebuconazole Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich
 DOCUMENT NUMBER:
TITLE:
INVENTOR(S):
                                                                Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 21 pp.
CODEN: PIXXD2
Patent
PATENT ASSIGNEE(S):
DOCUMENT TYPE:
 LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                                                               German
1
            PATENT NO.
                                                                 KIND DATE
                                                                                                               APPLICATION NO.
                                                                                                                                                                           DATE
           1670313 B1 20070214
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, FL, SK, HR
1859847 A 20061108 CN 2004-80028336 20040930
2004014697 A 20061128 BR 2004-14697 20040930
353558 T 20070315 AT 2004-17060 20040930
2007507454 T 20070315 AT 2004-787060 20040930
2281836 T3 20071001 BS 2004-4787060 20040930
2281836 T3 20071001 BS 2004-4787060 20040930
2006F0A02694 A 20060605 MX 2006-PA2694 20060324
2007117813 A1 20070524 US 2006-574074 20060324
2007117813 A1 20070524 US 2006-CN1484 200605051
             TE, SI
CN 1859847
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AT 353558
JP 2007507454
              ES 2281836
MX 2006PA02694
NO 2006R02594
NO 2006001351
US 2007117813
IN 2006CN01484
PRIORITY APPLN. INFO.:
                                                                                 20070629
                                                                                                                IN 2006-CN1484
DE 2003-10346136
                                                                                                                                                                            20060501
                                                                                                                                                                 A 20031001
                                                                                                               WO 2004-EP10918
                                                                                                                                                                   W 20040930
тт
              849606-59-3
            849806-09-3

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(synergistic fungicidal mixture)

849606-59-3 CAPLUS

1H-1,2,4-Triazole-1-ethanol, \(\alpha\)-[2-(4-chlorophenyl)ethyl]-\(\alpha\)-(1,1-dimethylethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-
           ANSWER 124 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
                                                              CAPLUS COPYRIGHT 2008 ACS on STN
2005:316288 CAPLUS
142:369230
Synergistic fungicide mixture comprising a
triazolopyrimidine derivative and quinoxyfen
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;
Stierl, Reinhard; Strathmann, Siegfried; Schoefl,
Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 20 pp.
CODEN: PIXXD2
Patent
German
1
ACCESSION NUMBER:
 DOCUMENT NUMBER:
INVENTOR(S):
PATENT ASSIGNEE(S):
LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
                              PATENT NO.
              WO 2005032255
                       RW:
            SN, TD, TG

AN 2004277340

AN 20054277340

AN 20050414

AN 2004-277340

AN 20050414

AN 2004-273372

AN 20050414

AN 2004-765706

BY 20040930

BY 20040930

AN 2006021

BY 2004-765706

BY 2004-765706

BY 20040930

BY 2004014836

BY 200507507453

BY 200507507453

BY 200508293346

BY 2006293346

BY 2006293346

BY 2006293346

BY 2006293346

BY 2006293346

BY 2006293346

BY 2006293155

BY 200620331

BY 2006N01486

BY 2006N01486

BY 2006N01486

BY 200608331

BY 2006N01486
              IN 2006CN01486
                                                                                  20070629
                                                                                                                IN 2006-CN1486
DE 2003-10355295
                                                                                                                                                                            20060501
PRIORITY APPLN. INFO.:
                                                                                                                                                                  A 20031001
```

849604-63-3
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicide mixture)
849604-63-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)-, mixt. with 5,7-dichloro-4-(4fluorophenoxy)quinoline (9CI) (CA INDEX NAME)

WO 2004-EP10917

W 20040930

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 123 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Con (2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (Continued) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

C16 H22 C1 N3 O

AB The title mixture comprise 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)- [1,2,4]triazolo[1,5-a]pyrimidine and tebuconazole.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 124 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

2 CM

124495-18-7 C15 H8 Cl2 F N O CRN CMF

AB The title mixts. comprise 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and quinoxyfen. REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

10582984.trn L11 ANSWER 125 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:316287 CAPLUS DOCUMENT NUMBER: 142:369289 Synergistic fungicide mixtures for the control of TITLE: pathogens comprising a triazolopyrimidine derivative pathogens Comprising a triazolopyrimiane derivative and trifloxystrobin. Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, INVENTOR(S): Stierl, Reinhard; Strathmann, Sie Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 24 pp. CODEN: FIXXD2 Patent German 6 PATENT ASSIGNEE(S): DOCUMENT TYPE: DOCUMENT TIPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE SN, TD, TG

2004277339 A1 20050414 AU 2004-277339 20040930
2539730 A1 20050414 CA 2004-2539730 20040930
1670311 A1 20060621 EP 2004-765701 20040930
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NI, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, FL, SK, HR
1859850 A 20061108 CN 2004-80228433 20040930
2004014727 A 20061121 BR 2004-14727 20040930
2007507452 T 20070329 JP 2006-530044 20040930
2007507452 A 2006104 MX 2006-PA296 20060315 AU 2004277339 CA 2539730 EP 1670311 TE, SI CN 1859850 BR 2004014727 JP 2007507452 A A T A A MX 2006-PA2926 NO 2006-1355 US 2006-574005 MX 2006PA02926 20060614 20060627 20060315 NO 2006001355 20060324 US 2007004760 20070104 20060329 IN 2006CN01485 20070629 IN 2006-CN1485 20060501 PRIORITY APPLN. INFO.: DE 2003-10346138 A 20031001 DE 2004-102004016084A 20040330 WO 2004-EP10910 W 20040930 IT N: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicide mixture) 849606-20-8 CAPLUS Benzeneacetic acid, α-(methoxyimino)-2-[[[(E)-[1-[3-ANSWER 126 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: DOCUMENT NUMBER:

CAPLUS COPYRIGHT 2008 ACS on STN
2005:316286 CAPLUS
142:369301
Symergistic fungicide mixtures comprising a
triazolopyrimidine derivative and metconazole
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;
Stierl, Reinhard; Strathmann, Siegfried; Schoefl,
Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 16 pp.
CODEN: PIXXD2
Patent
German
1 INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: NO. KIND DATE APPLICATION NO. DATE

1032249 A3 20050414 W0 2004-EP10242 20040914

3032249 A3 20050623

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, CR, GH, GM, HR, HU, ID, IL, IN, IN, IS, JP, KE, KG, KF, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MN, MM, MM, MX, MZ, NA, NI, NO, NZ, CM, PG, PH, PL, PT, RO, BU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZM, BN, GR, GR, GM, KE, LS, MM, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZM, AK, EY, RG, KZ, MD, RU, JT, TM, AT, EE, BG, CH, CY, CZ, DE, DK, ES, SK, SK, SL, SL, SI, SK, SK, SL, SL, SK, SK, SL, SL, SL, SK, SL, SL, SL, SK, SL, SK, SL, SK, SL, SK, SL, SL, SK, PATENT NO. KIND DATE APPLICATION NO. WO 2005032249 WO 2005032249 W: AE, A RW: A1 AU 2004-277325 AU 2004277325 20050414 20040914 CA 2538907 EP 1677601 A1 A2 20050414 CA 2004-2538907 EP 2004-765158 20040914 20060712 20040914 EP 1677601 A2 20060712 EP 2004-765158 20040914
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR
CN 1856250
RE 2004014575 A 20061101 CR 2004-80267300 20040914
DF 20075058953 T 20070315 JP 20076-526571 20040914
MX 2006FA02576 A 20060605 MX 2006-PA2576 20040916
MX 2006FA02576 A 20060605 MX 2006-PA2576 20060316
NO 2006001241 A 20060621 NO 2006-01241 20060317 IN 2006-CN1349 DE 2003-10344148 IN 2006CN01349 PRIORITY APPLN. INFO.: 20070706 20060420 A 20030922 WO 2004-EP10242 W 20040914

CRN 214706-53-3

Page 203

L11 ANSWER 125 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, (GE)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 C17 H15 C1 F3 N5

141517-21-7 C20 H19 F3 N2 O4

Double bond geometry as shown.

$$\mathsf{F}_3\mathsf{C} \underbrace{\mathsf{E}}_{\mathsf{N}} \mathsf{OMe}$$

AB The title mixts. comprise 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and trifloxystrobin.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THE RECORD. ALL CITATIONS AVAILABLE IN THE RECORD.

FORMAT

L11 ANSWER 126 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C17 H15 C1 F3 N5 (Continued)

CM

125116-23-6 C17 H22 C1 N3 O

Disclosed are synergistic fungicidal mixts. of 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluoropheny1)-[1,2,4]triazolo[1,5-a]pyrimidine and metconazole.

10582984.trn CODENTY TYPE:

DOCUMENT TYPE:

DOCUMENT TYPE:

DOCUMENT TYPE:

DOCUMENT TYPE:

DOCUMENT TYPE:

DOCUMENT TYPE:

DAMILY ACC. NUM. COUNT:

PATENT INFORMATION: L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:300451 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 142:373861 DOCUMENT TIPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE MO 2005 03 07 75 A1 2005 04 07 W0 2004 -US 305 15 2004 09 17 W1 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CG, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, CM, PG, PH, EL, PT, RO, KU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, VJ, ZA, ZM, ZW RN: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SG, STZ, UG, ZM, ZW, AM, AZ, BY, KG, KE, KB, KP, KF, KF, CF, CF, CF, CF, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NR, SN, TD, TG

AU 2004276240 A1 20050407 AU 2004-276240 20040917 A1 20050407 AU 2004-276240 20040917 AU 2004276240 CA 2539252 EP 1680425 EP 1680425 A1 A1 B1 20050407 20060719 20070110 CA 2004-2539252 EP 2004-788820 20040917 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, A A T T3 BR 2004014700 20061114 BR 2004-14700 20040917 CN 2004-14700 CN 2004-80030200 JP 2006-528075 ES 2004-4788820 CN 1867569 JP 2007506744 20061122 2004091 20070322 2004091 ES 2279452 MX 2006PA03206 20070816 20040917 A A A A 20060623 MX 2006-PA3206 20060322 NO 2006-1318 IN 2006-KN951 HK 2006-112040 US 2003-505544P NO 2006001318 IN 2006KN00951 20060421 20060323 20070420 2006041 HK 1090374 20070330 2006110 PRIORITY APPLA. INFO.: P 20030924 WO 2004-IIS30515 W 20040917 OTHER SOURCE(S): MARPAT 142:373861 IT 849550-66-9P 849550-67-0P RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) MeNH (CH₂)3 Double bond geometry as shown. E CO2H HO₂C

849550-68-1P 849550-69-2P

If 849550-68-1P 849550-69-2P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate, powder XRD, preparation of 6-[(substituted)phenyl[triazolop
yrimidines as tubulin polymerization promoters as anticancer agents for tumors

expressing multiple drug resistance (MDR) or resistance because of

849550-68-1 CAPLUS
Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-M-[(18)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine, hydrate (1:7:7) (CA INDEX NAME)

CM 1

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

Page 204

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PRCC (Process); USES (Uses) (drug candidate, hydration, powder XRD; prepn. of 6- [(substituted)phenyl]triazolopyrimidines as tubulin polymn. promoters as anticancer agents for tumors expressing multiple drug resistance (MDR) or resistance because of MDR)

EN 849550-66-9 CAPLUS

CN Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3- (methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1- methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine (1:?) (CA INDEX NAME) CM 1 CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O Absolute stereochemistry. (CH₂)3 CM 2 CRN 110-15-6 CMF C4 H6 O4 но2с-сн2-сн2-со2н 849550-67-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl]-, (2E)-2-butenedioate (1:1) (CA INDEX NAME) CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O Absolute stereochemistry. L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CM 2

CRN 110-15-6 CMF C4 H6 O4

но₂с-сн₂-сн₂-со₂н

849550-69-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, (2E)-2-butenedioate (1:1), dihydrate (9CI) (CA INDEX NAME)

CRN 849550-05-6 CMF C18 H18 C1 F5 N6 O

Absolute stereochemistry.

CM 2 CRN 110-17-8 CMF C4 H4 O4

Double bond geometry as shown.

IT 849550-04-5P, 5-Chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-

difluorophenyl]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-05-6P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-65-8P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-65-8P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine hydrochloride

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
preparation); THU (Therapeutic use); BTOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)
(drug candidate; prepn. of 6-[(substituted)phenyl]triazolopyrimidines
as tubulin polymn. promoters as anticancer agents for tumors

as tubulin pulyami. Plan. Plan

Absolute stereochemistry

849550-05-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA

Absolute stereochemistry.

849550-36-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (INDEX NAME)

Absolute stereochemistry.

- L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (pyrrolidin-1-y1)propoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-13-6F, 5-Chloro-6-[2,6-difluoro-4-[3-(piperidin-1-y1)propoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-14-7P, 5-Chloro-6-[2,6-difluoro-4-[3-(morpholin-4-y1)propoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-15-8F,
- 6-[4-[3-(Azetidin-1-yl)propoxy]-2,6-difluorophenyl]-5-chloro-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
 849550-16-9P, 5-Chloro-6-[4-[3-(dimethylamino)propoxy]-2fluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-17-0P, 5-Chloro-6-[2,6-difluoro-4-[2-(methylamino)ethoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-18-1P,
- 5-Chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-((1S)-2,2,2trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-19-2P, 5-Chloro-6-[4-[2-(dimethylamino)ethoxy]-2,6-
- difluoropheny1]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5a]pyrimidin-7-amine 849550-20-5P, 5-Chloro-6-[2,6-difluoro-4-[2(morpholin-4-yl)ethoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-21-6P,
- 5-Chloro-6-[4-[[3-(dimethylamino)propyl]thio]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-22-7P, 2-[4-[5-Chloro-7-[(1S)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]ethanol 849550-23-8P, 3-[4-[5-Chloro-7-[((1S)-
- dirluorophenoxy|ethanol 849500-22-8F, 3=[4-[5-Chloro-7-[([1S]-3,5-difluorophenoxy]propan-1-ol 849550-24-9F,
 4-[4-[5-Chloro-7-[([1S]-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]butan-1-ol 849550-25-0F, N-[4-[5-Chloro-7-[((1S)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-M,N,N'-trimethylpropane-1,3-diamine 849550-26-1F,
 N-[4-[5-Chloro-7-[((1S)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-M',N'-dimethylpropane-1,3-diamine 849550-27-2F, N-[4-[5-Chloro-7-[((1S)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-N',N'-dimethylpropane-1,3-diamine 849550-27-2F, N-[4-[5-Chloro-7-[((1S)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-N',N'-dimethylethane-1,2-diamine 849550-28-3F, 5-Bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-
- difluorophenyl]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-29-49, 5-Chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-30-79, 5-Chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-31-8P, 5-Chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-
- difluoropheny1]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-32-9P, 5-Chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluoropheny1]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-37-4P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]pheny1]-N-(2,2,2-

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-65-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]pheny1]-N-[(18)-2,2,2-trifluoro-1-methylethy1]-,
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry

● HCl

IT 849550-06-7P, 5-Chloro-6-[2,6-difluoro-4-[3-

(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoroethyl)-[1,2,4]triazolo[1,5a)pyrimidin-7-amine 849550-07-8P, 5-Chloro-6-[4-[3(dimethylamino)propoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-08-9P,

6-[4-(3-Aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-((1S)-2,2,2-trifluoro1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
849550-09-0P, 5-Chloro-6-[2,6-difluoro-4-[3-(4-methylpiperazin-1yl)propoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-10-3P,
5-Chloro-6-[4-[3-(ethylamino)propoxy]-3,6-difluorophenyl]-N-((1S)-2,2,2trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
849550-11-4P, 5-Chloro-6-[4-[3-[ethyl(methyl)amino]propoxy]-2,6-

difluorophenyl]-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-12-5P, 5-Chloro-6-[2,6-difluoro-4-[3-

- ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Contitutifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amin'849550-38-5P, 5-Chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-
- difluoropheny1]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5a]pyrimidin-7-amine 849550-39-6P, 6-[4-(3-Aminopropoxy)-2,6difluorophenyl]-5-chloro-N-((1R)-2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-40-9P,
 5-Chloro-6-[2,6-difluoro-4-[3-(4-methylpiperazin-1-yl)propoxy]phenyl]-1
 ((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7amine 849550-41-0P, 5-Chloro-6-[4-[3-(ethylamino)propoxy]-2,6-
- difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-42-1P, 5-Chloro-6-[4-[3-
- 5-Chloro-6-[2,6-difluoro-4-[2-(methylamino)ethoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-49-8P, 5-Chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-
- difluorophenyl]-N-((lR)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-50-1P, 5-Chloro-6-[4-[2-(dimethylamino]ethoxy]-2,6-difluorophenyl]-N-((lR)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-51-2P, 5-Chloro-6-[2,6-difluoro-4-[2-(morpholin-4-yl)ethoxy]phenyl]-N-((lR)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-52-3P, 5-Chloro-6-[4-[[3-(dimethylamino)propyl]thio]-2,6-
- difluoropheny1]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5a]pyrimidin-7-amine 849550-53-4P, 2-[4-[5-Chloro-7-[(1R)-2,2,2trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5difluorophenoxy]ethanol 849550-54-5P, 3-[4-[5-Chloro-7-[((1R)-
- 2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]3,5-difluorophenoxy[propan-1-ol 849550-55-6P,
 4-[4-[5-Chloro-7-[((IR)-2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy[butan-1-ol
 849550-56-7P, N-[4-[5-Chloro-7-[((IR)-2,2,2-trifluoro-1methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5difluorophenyl]-N,N',N'-trimethylpropane-1,3-diamine 849550-57-8P,
 N-[4-[5-Chloro-7-[((IR)-2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N',N'dimethylpropane-1,3-diamine 849550-58-9P, N-[4-[5-Chloro-7[((IR)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5a]pyrimidin-6-yl]-3,5-difluorophenyl]-N',N'-dimethylethane-1,2-diamine

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (849550-59-0P, 5-Bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-(Continued)

difluoropheny1]-N-((1R)-2,2,2-trifluoro-1-methylethy1)-[1,2,4]triarolo[1,5a]pyrimidin-7-amine 849550-60-3P, 5-Chloro-6-[4-[4(dimethylamino)buty1]-2,6-difluoropheny1]-N-((1R)-2,2,2-trifluoro-1methylethyl)-[1,2,4]triarolo[1,5-a]pyrimidin-7-amine 849550-61-4P
, 5-Chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluoropheny1]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triarolo[1,5-a]pyrimidin-7-amine
849550-62-5P, 5-Chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-

difluoropheny1]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5a]pyrimidin-7-amine 849550-63-6P, 5-Chloro-6-[3-[4(dimethylamino)butoxy]-2,6-difluorophenyl]-N-(1(R)-2,2,2-trifluoro-1methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-64-7P

5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-ethylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
849550-70-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(USes)
(drug candidate; prepn. of 6-[(substituted)phenyl]triazolopyrimidines
as tubulin polymn. promoters as anticancer agents for tumors
expressing

expressing multiple drug resistance (MDR) or resistance because of MDR) RN 84955-06-7 CAPLUS (CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

849550-07-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoroethyl)-CN

(CA INDEX NAME)

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-11-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(ethylmethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 849550-12-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(1pyrrolidiny1)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA
INDEX NAME)

Absolute stereochemistry.

RN 849550-13-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(1-piperidinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-08-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(3-aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (INDEX NAME)

Absolute stereochemistry.

RN 849550-09-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(4-methyl-1-piperazinyl)propoxylphenyl]-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-10-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(ethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

RN 849550-14-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(4morpholinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA
INDEX NAME)

Absolute stereochemistry.

849550-15-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-[3-(1-azetidiny1)propoxy]-2,6-difluoropheny1]-5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethy1]- (CA INDEX NAME)

Absolute stereochemistry.

849550-16-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2-fluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN methylethyl]- (CA INDEX NAME) (Continued)

Absolute stereochemistry.

849550-17-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(methylamio)ethoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-18-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-22-7 CAPLUS Ethanol, 2-[4-[5-ehloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

849550-23-8 CAPLUS
1-Fropanol, 3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

849550-24-9 CAPLUS
1-Butanol, 4-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 849550-19-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2(dimethylamino]ethoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 849550-20-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[2-(4morpholiny1)ethoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA
INDEX NAME)

Absolute stereochemistry.

849550-21-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[[3-

 $\label{lem:condition} $$(\dim ty lamino) propy | thio]-2, 6-difluor opheny | -N-[(1S)-2, 2, 2-trifluor o-l-methy | -N-(CA INDEX NAME) | -N-(1S)-2, 2, 2-trifluor o-l-methy | -N-(1S)-2, 2-trifluor o-l-methy | -N$

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-25-0 CAPLUS 1,3-Propanediamine, N1-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-N1,N3,N3-trimethyl- (CA INDEX NAME)

Absolute stereochemistry.

849550-26-1 CAPLUS 1,3-Fropanediamine, N3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4|triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-N1,N1-dimethyl- (CA INDEX NAME)

Absolute stereochemistry.

849550-27-2 CAPLUS 1,2-Ethanediamine, N'-[4-[5-chloro-7-[[(18)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-28-3 CAPLUS [1,2,4]Triarolo[1,5-a]pyrimidin-7-amine, 5-bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-29-4 CAPLUS [1,7-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-30-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(18)-2,2,2-trifluoro-1-

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-37-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX

NAME)

849550-38-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-39-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(3-aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN methylethyl]- (CA INDEX NAME) (Continued)

Absolute stereochemistry.

849550-31-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

849550-32-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 849550-40-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(4-methyl-1-piperazinyl)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-41-0 CAPLUS [1,2-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(eth)lamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-42-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(ethylmethylamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

RN 849550-44-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(1piperidinyl)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl](CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-48-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(methylamino)ethoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-49-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-50-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

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L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 849550-45-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[3-(4-morpholinyl)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-46-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-[3-(1-azetidiny1)propoxy]-2,6-difluoropheny1]-5-chloro-N-[(1R)-2,2,2-trifluoro-1-methylethy1]- (CA INDEX NAME)

Absolute stereochemistry.

849550-47-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2-fluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\mathsf{Me}_{2^{N}} \overset{\mathsf{Me}}{\underset{F}{\bigoplus}} \mathsf{Me}_{2^{N}}$$

RN 849550-51-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,-difluoro-4-[2-(4-morpholinyl)ethoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-52-3 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[[3-

(dimethylamino)propyl]thio]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-53-4 CAPLUS Ethanol, 2-[4-[5-chloro-7-[[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]- (CA INDEX NAME)

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-54-5 CAPLUS
1-Propanol, 3-[4-[5-chloro-7-[[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

849550-55-6 CAPLUS
1-Butanol, 4-[4-[5-chloro-7-[[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenoxy]- (CA INDEX NAME)

Absolute stereochemistry.

 $849550-56-7 \quad CAPLUS \\ 1,3-Propagediamine, \ N=[4-[5-chloro-7-[[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]trlazolo[1,5-a]pyrimidin-6-y1]-3,5-a$

Me₂N (CH₂)3

849550-58-9 CAPLUS 1,2-Ethanediamine, N'-[4-[5-chloro-7-[[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) difluorophenyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

849550-57-8 CAPLUS 1,3-Propanediamine, N'-[4-[5-chloro-7-[[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4|triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 849550-59-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-6-[4-[3(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1methylethyl)- (CA INDEX NAME)

Absolute stereochemistry

849550-60-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-61-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

Me2N

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 849550-62-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-difluoropheny1]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry

849550-63-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(IR)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

849550-64-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1R)-1-(trifluoromethyl)propyl]- (CA INDEX NAME)

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

849550-70-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(IS)-2,2,2-trifluoro-1-methylethyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

●x HCl

249648-16-6P, 5-Chloro-6-(2,4,6-trifluorophenyl)-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-72-7P, 5-Bromo-6-(2,4,6-trifluorophenyl)-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-78-3P, 5-Chloro-6-(2,3,6-trifluorophenyl)-N-((18)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of 6-[(substituted)phenyl]triazolopyrimidines as tubulin polymerization promoters as anticancer agents for tumors expressing inle

multiple

multiple
drug resistance (MDR) or resistance because of MDR)
RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-M-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB This invention relates to certain 6-[(substituted)phenyl]triazolopyrimidin e compds. (shown as I; variables defined below; e.g. II) or pharmaceutically acceptable salts thereof, and compns. containing said

is. or pharmaceutically acceptable salts thereof, wherein said compds. are anti-cancer agents useful for the treatment of cancer in mammals. I invention further relates to a method of treating or inhibiting the

growth of cancerous tumor cells and associated diseases in a mammal and further provides a method for the treatment or prevention of cancerous tumors

that express multiple drug resistance (MDR) or are resistant because of MDR,

a mammal in need thereof which method comprises administering to said mammal an effective amount of said compds. or pharmaceutically acceptable salts thereof. The present invention relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases

mammal in need thereof by promotion of microtubule polymerization which

mammal in need thereof by promotion of microtubule polymerization which comprises administering to said mammal an effective amount of said compds. and pharmaceutically acceptable salts thereof. Strong evidence is presented that these compds. bind at the vinca/peptide site of tubulin and not at the colchicine or taxane sites. Methods of preparation are claimed and apprex.20 example prepns. are included. For example, II which was prepared
in 2 steps starting with reaction of 5,7-dichloro-6-(2,4,6-trifluoro-1-methylentyl)-[1,2,4]triazolo[1,5-a]pyrimidine,

((1S)-2,2,2-trifluoro-1-methylentyl)-1-2-2.2-trifluoro-1-methylethyl)-

5-Chloro-6-(2,4,6-trifluorophenyl)-N-((18)-2,2,2-trifluoro-1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine, which was reacted with
3-dimethylamino-1-propanol/NaH. For I: R1 = R3R5CHNH and C6-C8

Page 211

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 849550-72-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-bromo-N-[(18)-2,2-2-trifluoro-1methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

N 849550-78-3 CAPLUS
N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
--chloro-N-[1(5)-2,2,2-trifluoro1-methylethyl]-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

GI

L11 ANSWER 127 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
(un)substituted with R8; R2 = Q(CH2)nY-, 2-L1- and 6-L2-substituted
phenyl; n = 2-4; X = Cl or Br; Y = O, S, CH2 or NR4; Q = -NR6R7 and -OH;
L1 and L2 = H, F, Cl, Br, or CF3; R3 = CF3 or C2F5; R4 and R5 = H or C1-3
alkyl; R6 and R7 = H or C1-C3 alkyl; or R6 and R7 when optionally taken
together with the N atom to which each is attached form 4 to 6 membered
satd. heterocyclic ring with 1-2 N atoms and O-1 O atoms or O-1 S atoms,
and (un)substituted with R8; R8 = C1-C3 alkyl.

REFERENCE COUNT: 1 TERER ARE I CITED REFERENCES AVAILABLE FOR THIS
FORMAT

10582984.trn L11 ANSWER 128 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2005:300260 CAPLUS 142:373857
Preparation of 5-arylpyrimidines as anticancer agents Zhang, Nan, Ayral-Kaloustian, Semiramis; Nguyen, Thai Hiep
Myeth Holdings Corporation, USA
PCT Int. Appl., 149 pp.
CODEN: PIXXD2
Patent DOCUMENT NUMBER: TITLE: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE. English FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE MO 2005030216 A1 20050407 MO 2004-US30682 20040917
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BM, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GB,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NA, NI,
NO, NZ, CM, FG, FH, FL, FT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RN: BN, GH, GM, KE, LS, MN, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, FT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GM, ML, MR, NE,
AU 2004275733 A1 20050407 CA 2004-2539235 20040917
R: AT, BE, CH, DD, DK, ES, FR, GB, GR, IT, LI, LU, NL, NL, SE, MC, PT, SN, TD, TG
275733
A1 20050407
AU 2004-275733
20040917
235
A1 20050407
CA 2004-2539235
20040917
241
A1 20060607
EP 2004-784529
AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, R: HR BR 2004-14736 CN 2004-80031581 JP 2006-528086 US 2004-950375 MX 2006-PA3207 NO 2006-1319 BR 2004014736 A T A1 A A 20061121 CN 1871009 JP 2007506746 US 2005075357 20061129 20070322 20050407 2004091 20040924 MX 2006PA03207 NO 2006001319 20060623 20060420 20060323 IN 2006KN00759 IN 2006-KN759 US 2003-505487P 20070803 20060329 P 20030924 PRIORITY APPLN. INFO.: WO 2004-US30682 W 20040917 CASREACT 142:373857: MARPAT 142:373857 OTHER SOURCE(S): R SOURCE(S): CASREACT 142:373857, MARRAT 142:373857
214633-89-3P, 5-Chicon-6-(2,4,6-trifluorophenyl)-Hn-(2,2,2-trifluoroethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 5-arylpyrimidines as anticancer agents)
214633-89-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
10ron-N-(2,2,2-trifluoroethyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

ANSWER 129 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CAPLUS COPYRIGHT 2008 ACS on STN
2005:271320 CAPLUS
142:311365
Nonaqueous emulsifiable concentrate formulation of acole fungicides
Aven, Michael
BASF A.-G., Germany
U.S., 7 pp.
CODEN: USXXAM
Patent
English
1 ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE US 6872736 PRIORITY APPLN. INFO.: В1 US 2000-491708 US 2000-491708 20000126 20050329

OTHER SOURCE(S): MARPAT 142:311365
IT 473464-74-3
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(nonaq. emulsifiable concentrate formulation of azole fungicides) 473464-74-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(3,3,3-trifluoropropyl)- (CA INDEX NAME)

 $\mathrm{NH}-\mathrm{CH}_2-\mathrm{CH}_2-\mathrm{CF}_3$

The invention relates to a nonaq., emulsifiable concentrate formulation

role fungicides comprising ≤700 g/L aliphatic alc. alkoxylate, ≤100 g/L nonionic dispersant, 10-100 g/L anionic dispersant, 50-600 g/L polar aprotic organic solvent, 150-500 g/L nonpolar organic solvent and ≤5 g/L

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 128 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

NH-CH2-CF3

GI

This invention relates to certain 5-arylpyrimidine compds. I [Z = NHCHRIRS, cycloalky], R = substituted Ph; X = Cl, Br; Wl = NHR6, N(CN)R6, aryl; Rl = H, alkyl; R5 = CF3, C2F5; R6 = alkyl] or a pharmaceutically acceptable salt thereof, and compns. containing said compds. or a pharmaceutically acceptable salt thereof, wherein said compds. are anti-cancer agents useful for the treatment of cancer in mammals (biol. data given). Over thirty examples describe the synthesis of compds. I. E.g., a multi-step synthesis of I [Z = NHCH2CF3; R = 2,4,6-F3C6H2; X =

WI = N(CN)Me), starting from 5,7-dichloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and 2,2,2-trifluoroethylamine, was given. This invention further relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal and further provides a method for the treatment or prevention of cancerous tumors that express multiple drug resistance (MDR) or are resistant because of MDR, in a mammal in need thereof which method comprises administering to said mammal an effective amount of the compds. I or a pharmaceutically acceptable salt thereof.

specifically, the present invention relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a

mammal in need thereof by promotion of microtubule polymerization which

administering to said mammal an effective amount of the compds. I and pharmaceutically acceptable salts thereof.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 130 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 2005:177801 CAPLUS
TITLE: 1234971
Synergistic fungicidal mixture comprising triazolopyrimidine derivative and epoxiconazole.

INVENTOR(S): Torno i Blasco, Jozdi; Grote, Thomas; Scherer, Ma Stierl, Reinhard; Strathman, Siegfried; Schoefl, Ulrich
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany; Torno I Blasco, Jordi
SOURCE: PCT Int. Appl., 20 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA: | TENT | NO. | | | | | DATE | | | | LICAT | | | | | ATE | |
|-------|-------|-------|------|-----|-----|-----|------|------|-----|----|--------|-------|------|-----|-----|------|-----|
| WO | 2005 | 0183 | 28 | | | | | | | | 2004- | | | | | 0040 | 707 |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BE | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | ΤJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SI | , SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | AZ, | BY, | KG, | ΚZ, | MD, | RU, | ΤJ, | TM, | AT | , BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | II | , LU, | MC, | NL, | PL, | PΤ, | RO, | SE, |
| | | | | | BF, | ΒJ, | CF, | CG, | CI, | CM | 1, GA, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | | TD, | | | | | | | | | | | | | | |
| | | | | | | | | | | | 2004- | | | | | | |
| | | 3055 | | | | | | | | | 2004- | | | | | | |
| EP | | 041 | | | | | | | | | 2004- | | | | | | |
| | R: | | | | | | | | | | , IT, | | | NL, | SE, | MC, | PT, |
| | | | SI, | FΙ, | | | | | | | HU, | | | | | | |
| | 1829 | | | | A | | | | | | 2004- | | | | | | |
| | | 10130 | | | | | | | | | 2004- | | | | | 0040 | |
| | | 75001 | | | | | | | | | 2006- | | | | | 0040 | |
| | | PAOO | | | | | 2006 | | | | 2006- | | | | _ | 0060 | |
| | | 0003 | | | A | | 2006 | | | | 2006- | | | | | 0060 | |
| | | CNOO | | | | | 2007 | | | | 2006- | | | | | | |
| | | 70549 | | | A1 | | 2007 | 0308 | | | 2006- | | | | | 0060 | |
| ORITI | / API | LN. | INFO | . : | | | | | | DE | 2003- | -1033 | 5180 | | A 2 | 0030 | 730 |
| | | | | | | | | | | | | | | | | | |

CRN 214706-53-3

L11 ANSWER 130 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C17 H15 Cl F3 N5 (Continued)

CM 2

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

AB A synergistic fungicidal mixture comprise
5-chloro-6-(2,4,6-trifluorophenyl)7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidine and
epoxiconazole. The mixts.a are especially active against Comycetes.
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 131 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued RN 825648-99-5 CAPLUS CN Benzeneacetic acid, α-(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, (α2)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CI) INDEX

NAME)

CM 1

CM 2

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

AB Fungicidal mixts. for controlling rice pathogens contain
5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]Triazolo[1,5-a]pyrimidine and kresoxim-Me in synergistically
effective amts. as active components.
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 131 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:54989 CAPLUS

DOCUMENT NUMBER: 142:129057

Synergistic fungicidal mixtures containing triazolopyrimidine derivative and kresoxim-methyl Torno is Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Haden, Egon; Hampel, Manfred

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

FOT Int. Appl., 22 pp.

CODEN: FIXXD2

DOCUMENT TYPE: Patent

LANKINGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | ENT I | | | | KIN | | DATE | | | | LICAT | | | | | ATE | |
|--------|-----|-------|-------|-----|-----|-----|-----|------|------|-----|----|--------|-------|-------|------|-----|-------|-----|
| 16 | Ю | 20050 | 0046 | 9 | | A1 | | 2005 | 0120 | | WO | 2004- | EP 70 | 79 | | 2 | 0040 | 630 |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | | | | | | | | | | | , UZ, | | | | | | |
| | | RW: | | | | | | | | | | , SL, | | | | | | |
| | | | | | | | | | | | | , BE, | | | | | | |
| | | | | | | | | | | | | , LU, | | | | | | |
| | | | | | | BF, | BJ, | CF, | CG, | CI, | CM | I, GA, | GN, | GΩ, | GW, | ML, | MR, | NE, |
| | | | SN, | TD, | TG | | | | | | | | 0554 | | | | | |
| P. | U | 25315 | 2554. | 18 | | AI | | 2005 | 0120 | | AU | 2004- | 2554 | E 4 0 | | 2 | 0040 | 630 |
| | | | | | | | | | | | | 2004- | | | | | | |
| Ľ | | | | | | | | | | | | 2004- | | | | | | |
| | | IV. | | | | | | | | | | , 11, | | | | | | |
| _ | TAT | 1812 | | | | | | | | | | 2004- | | | | | | |
| - | TD: | 20040 | 1123 | 9.5 | | 7 | | 2006 | 0919 | | BB | 2004- | 1239 | 5 | | 2 | 00 10 | 630 |
| | | | | | | | | | | | | 2005- | | | | | | |
| | | | | | | | | | | | | 2006- | | | | | | |
| 1 | N | 20060 | ONOO. | 493 | | A | | 2007 | 0511 | | IN | 2006- | CN49 | 3 | | 2 | 0060 | 207 |
| Ü | rs | 2007: | 1058 | 75 | | A1 | | 2007 | 0510 | | US | 2007- | 5636 | 06 | | 2 | 0070 | |
| PRIORI | | | | | | | | | | | DE | 2003- | 1033 | 1117 | | A 2 | 0030 | 709 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | DE | 2003- | 1033 | 2460 | | A 2 | 0030 | 716 |
| | | | | | | | | | | | DE | 2004- | 1020 | 0401 | 5084 | A 2 | 0040 | 330 |
| | | | | | | | | | | | | | | | | | 0040 | 570 |

825648-99-5

RI: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixts. containing triazolopyrimidine derivative and kresoxim-Me for controlling rice pathogens)

L11 ANSWER 132 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER: TITLE:

INVENTOR(S):

CAPLUS COPYRIGHT 2008 ACS on STN
2005:54988 CAPLUS
142:129056
Synergistic fungicidal mixtures containing
triazolopyrimidine derivative and fenpropimorph
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria;
Stierl, Reinhard; Strathmann, Slegfried; Schoefl,
Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 19 pp.
CODEN: PIXXD2
Patent
German
1

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT | NO. | | | | | | | | | ICAT: | | | | | ATE | | |
|-----------|--------|------|-----|-----|-----|------|------|-----|------|-------|-------|---------|-----|-----|------|-----|--|
| WO 200 | 50046 | 08 | | A1 | | 2005 | 0120 | | WO 2 | 004- | EP 70 | 75 | | 2 | 0040 | 630 | |
| W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | |
| | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | |
| | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, | |
| | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, | |
| | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY, | |
| | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW | |
| RV | : BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | |
| | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | |
| | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IT, | LU, | MC, | NL, | PL, | PT, | RO, | SE, | |
| | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | |
| | SN, | TD, | TG | | | | | | | | | | | | | | |
| AU 200 | 42554 | 17 | | A1 | | 2005 | 0120 | | AU 2 | 004- | 2554 | 17 | | 2 | 0040 | 630 | |
| CA 253 | 1447 | | | A1 | | 2005 | 0120 | | CA 2 | 004- | 2531 | 447 | | 2 | 0040 | 630 | |
| EP 165 | 6023 | | | A1 | | 2006 | 0517 | | EP 2 | 004- | 7404 | 57 | | 2 | 0040 | 630 | |
| R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | IT, | LI, | LU, | NL, | SE, | MC, | PT, | |
| | IE, | SI, | LT, | LV, | FI, | RO, | CY, | TR, | BG, | CZ, | EE, | HU, | PL, | SK, | HR | | |
| CN 181 | 9768 | | | A | | 2006 | 0816 | | CN 2 | 004- | 3001 | 9474 | | 2 | 0040 | 630 | |
| BR 200 | 40124 | 07 | | A | | 2006 | 0822 | | BR 2 | 004- | 1240 | 7 | | 2 | 0040 | 630 | |
| NO 200 | 50061 | 72 | | A | | 2006 | 0201 | | NO 2 | 005- | 5172 | | | 2 | 0051 | 223 | |
| MX 200 | 6PA00 | 024 | | A | | 2006 | 0321 | 1 | MX 2 | 006- | PA24 | | | 2 | 0060 | 105 | |
| IN 200 | 6CN00 | 500 | | A | | 2007 | 0706 | | IN 2 | 006-0 | CN50 | 0 | | 2 | 0060 | 208 | |
| US 200 | 70430 | 47 | | A1 | | 2007 | 0222 | | US 2 | 006- | 5640 | 14 | | 2 | 0060 | 530 | |
| TORTTY AF | TOT BY | TMEO | | | | | | | nn o | 000 | 1022 | 1 4 5 0 | | | 0030 | 710 | |

DE 2003-10332432 A 20030716

W 20040630

WO 2004-EP7075

IT 825650-81-5
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (Synergistic fungicidal mixts. containing triazolopyrimidine derivative and fenpropimorph for controlling rice pathogens)
RN 825650-81-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with-rel-(2R,6S)-4-[3-[4-(1,1-dimethylethyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

L11 ANSWER 132 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 C17 H15 C1 F3 N5

Relative stereochemistry.

Fungicidal mixts. for controlling rice pathogens contain 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-[1,2,4]-triazolo[1,5-a]pyrimidine and fenpropimorph in synergistically active

2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE REFERENCE COUNT:

FORMAT

L11 ANSWER 133 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
(Biological study); USES (Uses)
(aynergistic fungicide for control of rice pathogens)
RN 815576-97-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]morpholine (9CI) (CA INDEX NAME)

CM 1

2 CM

CRN 110488-70-5 CMF C21 H22 C1 N O4

815576-98-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)-, mixt. with 4-[3-(3,4-dimethoxyphenyl)-3-(4fluorophenyl)-1-oxo-2-propenyl]morpholine (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 133 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:14105 CAPLUS

TITLE: 2005:14105 CAPLUS

142:70285 Fungicidal mixtures of triazolopyrimidine derivative and acrylic acid morpholide for combating rice pathogens

INVENTOR(S): Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

Stierl, Reinnard; Strathmann, Sie Ulrich BASF Aktiengesellschaft, Germany PCT Int. Appl., 20 pp. CODEN: PIXXD2 PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | CENT I | | | | | | | | | | | | | | | | |
|-------|------|------------------------------|------|------|-----|-----|-----|------|------|-----|------|------|------|-----------|-------|-----|------|-----|
| | | 2005 | | | | | | | | | | | | | | | | |
| | | W: | AE. | AG, | AL. | AM. | AT. | AU, | AZ. | BA. | BB. | BG. | BR. | BW. | BY. | BZ. | CA. | CH, |
| | | | | | | | | DE, | | | | | | | | | | |
| | | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | NA, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, |
| | | | AZ, | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, |
| | | | EE, | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IT, | LU, | MC, | NL, | PL, | PT, | RO, | SE, |
| | | | SI, | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | | | TD, | | | | | | | | | | | | | | |
| | AU | 2004 | 2510 | 16 | | A2 | | 2005 | 0106 | | AU 2 | 004- | 2510 | 16 | | 2 | 0040 | 619 |
| | AU | 2004: 2529: 1643: | 2510 | 16 | | A1 | | 2005 | 0106 | | | | | | | | | |
| | CA | 2529 | 211 | | | A1 | | 2005 | 0106 | | CA 2 | 004- | 2529 | 211 | | 2 | 0040 | 619 |
| | EP | 1643 | 839 | | | A1 | | 2006 | 0412 | | EP 2 | 004- | 7400 | 90 | | 2 | 0040 | 619 |
| | | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | IT, | LI, | LU, | NL, | SE, | MC, | PT, |
| | | | | | | | | RO, | | | | | | | | | | |
| | | 1812 | | | | | | 2006 | | | | | | | | | | |
| | | 2004 | | | | | | | | | | | | | | | | |
| | JP | 2007 | 5066 | 69 | | Т | | 2007 | 0322 | | | | | | | | | |
| | MX | 20051 | PA13 | 330 | | A | | 2006 | 0317 | 1 | | | | 330 | | | | |
| | NO | 2005 2005 2006 2006 | 0058 | 90 | | A | | 2006 | 0125 | | | | | | | | | |
| | US | 2006 | 1549 | 27 | | A1 | | 2006 | 0713 | | US 2 | 005- | 5611 | 88 | | 2 | 0051 | 219 |
| | IN | 20060 | CNOO | 370 | | A | | 2007 | 0706 | | IN 2 | 006- | CN37 | 0 9554 | | - 2 | 0060 | 130 |
| PRIO. | KIT: | APP: | LN. | TNFO | . : | | | | | | DE 2 | 003- | 1032 | 9554 | | A 2 | 0030 | 630 |
| | | | | | | | | | | | DE 2 | 003- | 1033 | 2428 | | A 2 | 0030 | 716 |
| | | | | | | | | | | | DE 2 | 004- | 1020 | 0402 | 0212. | A 2 | 0040 | 422 |
| | | | | | | | | | | | WO 2 | 004- | EP66 | 49 | | W 2 | 0040 | 619 |

OTHER SOURCE(S): MARPAT 142:70285 IT 815576-97-7 815576-98-8 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL

L11 ANSWER 133 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

211867-47-9 C21 H22 F N O4

AB Fungicidal mixts. for combating rice pathogens contain, as active

mixts., in weight ratios from 100:1 to 1:100, may contain a liquid or solid

Her. Thus, I + dimethomorph at 1 + 4 ppm synergistically controlled rice blast Thus, I + dimethomorph at 1 + " ppun 0,1005 caused by Pyricularia oryzae.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 134 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:14104 CAPLUS
DOCUMENT NUMBER: 142:70284
TITLE: Fungicide mixtures containing triazolopyrimidine Fungicide mixtures containing triazolopyrimidine derivative and dithianon
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Slegfried; Schoefl, Ulrich; Haden, Egon; Hampel, Manfred
BASF Aktiengesellschaft, Germany
FCT Int. Appl., 19 pp.
CODEN: PIXXD2
Fatent INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR CN 1809275 BR 2004011754 JP 2007506668 MX 2005PA13329 A A T A 20060726 CN 2004-80017059 20040619 CN 2004-80017059
BR 2004-11754
JP 2006-516006
MX 2005-PA13329
US 2005-561149
IN 2006-CN312
DE 2003-10328971 20060808 20070322 20060317 20040619 20040619 20051208 US 2006189634 20060824 20051216 IN 2006CN00312 20070706 20060125 PRIORITY APPLN. INFO.: A 20030626 DE 2003-10332462 A 20030716 WO 2004-EP6647 W 20040619 811808-79-4 811808-79-4
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses) (as synergistic fungicide) 811808-79-4 CAPLUS
Naphtho[2,3-b]-1,4-dithin-2,3-dicarbonitrile, 5,10-dihydro-5,10-dioxo-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-

ANSWER 135 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
SSION NUMBER: 2004:1124520 CAPLUS
MENT NUMBER: 142:34034
LE: Synergiatic fungicidal mixtures containing a
triazolopyrimidine derivative and benomyl
NNOR(S): Tormo I. Blasco, Jordi; Grote, Thomas; Scherer,
La: ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S): Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Haden, Egon; Hampel, Manfred BASF Aktiengesellschaft, Germany PCT Int. Appl., 24 pp. CODEN: PIXXD2 Patent German 1 PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| WO | | | | | | | | | WO 2004-EP6161 | | | | | | | | |
|----------------|----------------------|-----|------|-----|-----|----------------------|------|-----------------|----------------------------------|-----|--------|------|------|----------|-----|------|-----|
| | W: | | | | | | | | | | , BG, | | | | | | |
| | | | | | | | | | | | , EC, | | | | | | |
| | | | | | | | | | | | , JP, | | | | | | |
| | | | | | | | | | | | , MK, | | | | | | |
| | | | | | | | | | | | , SC, | | | | | | |
| | | | | | | | | | | | , UZ, | | | | | | |
| | RW: | | | | | | | | | | , SL, | | | | | | |
| | | | | | | | | | | | , BE, | | | | | | |
| | | | | | | | | | | | , LU, | | | | | | |
| | | | | | BF, | ВJ, | CF, | CG, | CI, | CM. | I, GA, | GN, | GQ, | GW, | ML, | MR, | NE, |
| | | | TD, | | | | | | | | | | | | | | |
| | | | | | | | | | AU 2004-246782 | | | | | | | | |
| | 2528198 | | | A1 | | | | CA 2004-2528198 | | | | | | | | | |
| | 1638402 | | | | | | | | EP 2004-739690 | | | | | 20040608 | | | |
| EP | 1638402 | | | | | | 2006 | | | | | | | | | | |
| | R: | | | | | | | | | | , IT, | | | | | | PT, |
| | | | | | | | | | | | , CZ, | | | | | | |
| BR 2004011453 | | | | | | | | | BR 2004-11453 | | | | | | | | |
| CIV | 1805689 | | | | A | 20060719 20061207 | | | CN 2004-80016628 | | | | | | | | |
| JP | 2006527710 348523 | | | | Т | | | | | | | | | | | | |
| AT 348523 | | | | Т | | | | AT 2004-739690 | | | | | | | | | |
| MX 2005PA12693 | | | | | | | | | | | | | | | | | |
| | US 2006167019 | | | | | | | | | | | | | | | | |
| NO 2005005807 | | | | | A | 20051207 | | | NO 2005-5807 DE 2003-10327865 | | | | | | | | |
| KITI | APP. | LN. | INFO | . : | | | | | | DE | 2003- | 1032 | /865 | | A 2 | 0030 | 618 |
| | | | | | | | | | | DE | 2003- | 1033 | 2431 | | A 2 | 0030 | 716 |
| | | | | | | | | | | | | | | | | | |

807344-27-0
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal mixture)
807344-27-0 CAPLUS
Carbamic acid, [1-[[Sutylamino] carbonyl]-lH-benzimidazol-2-yl]-, methyl
ester, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

L11 ANSWER 134 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

3347-22-6 C14 H4 N2 O2 S2

Fungicidal mixts. contain as active constituents (1) 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and (2) dithianon in a synergistically active quantity. The mixts. are useful for controlling pathogenic fungi of the class

1

REFERENCE COUNT:

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 135 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

2 CM

CRN 17804-35-2 CMF C14 H18 N4 O3

NHBu-n

GI

 $\ensuremath{\mathtt{AB}}$ A synergistic fungicidal mixts., contains a triazolopyrimidine derivative $\ensuremath{\mathtt{I}}$

PRI

L11 ANSWER 135 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) and benomyl. REFERENCE COUNT: THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

142:34033
Synergistic fungicidal mixtures comprising a triazolopyrimidine derivative
Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich TITLE: INVENTOR(S): Ulrich
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 24 pp.
CODEN: PIXXD2
Patent PATENT ASSIGNEE(S): DOCUMENT TYPE. LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. PATENT NO. KIND DATE APPLICATION NO. DATE

W0 2004110150 A1 20041223 W0 2004-EF6163 20040608
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BE, EZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GB,
GE, GH, GM, HR, HU, ID, ILI, IN, IS, JP, KE, MG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, CM, PG, FH, FL, FT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, VD, ZA, ZM, ZM
RN: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AW,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

AU 2004246783 A1 20041223 AU 2004-26783 20040608
EP 1638401 A1 20060329 EP 2004-739692 20040608 20041223 20041223 20060329 20061220 A1 A1 B1 EP 1638401 IE, S: CN 1805687 BR 2004011583 JP 2006527711 AT 348522 AP 1721 ES 2279384

L11 ANSWER 136 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2004:1124518 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 142:34033

DE 2003-10332461 A 20030716 DE 2004-102004001991A 20040113

WO 2004-EP6163 W 20040608

CM 1 CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CRN 53112-28-0 CMF C12 H13 N3

PhNH

CM 2

2-Pyrimidinamine, 4-cyclopropyl-6-methyl-N-phenyl-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 136 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

MX 2005PA12795 US 2006128727 NO 2005005806 KR 758318 IN 2006CN00177 PRIORITY APPLN. INFO.:

NHPh

807344-64-5 CAPLUS 2-Pyrimidinamine, 4-methyl-N-phenyl-6-(1-propynyl)-, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 136 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 110235-47-7 CMF C14 H13 N3

GI

AB The invention relates to a synergistic fungicidal mixts., containing the triazolopyrimidine derivative I and a pyrimidine anilide II (R = Me, cyclopropyl or 1-propynyl).

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 137 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (methoxymethylene)-, methyl ester, (αE)-, mixt. with (Continued)

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 131860-33-8 C22 H17 N3 O5

Double bond geometry as shown.

AB Synergistic fungicidal mixts. for rice comprise azoxystrobin and 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)- [1,2,4]trizolo[1,5]pyrimidine.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 137 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2004:1059093 CAPLUS CAPLUS 142:18674

ACCESSION NUMBER: DOCUMENT NUMBER:

142:18674 Synergistic fungicidal mixtures for rice TITLE: INVENTOR(S): Tormo, I. Blasco Jordi; Grote, Thomas; Scherer,

Maria;

Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Haden, Egon; Hampel, Manfred BASF Aktiengesellschaft, Germany PCT Int. Appl., 21 pp. CODEN: PIXXD2 Patent

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | CENT : | | | | | | | | | | LICAT | | | | | | | |
|--------|----------------------|-------|--------|-----|-----|-----|------|------|-----|------|-------|------|-------|-----|-----|------|-----|--|
| | 2004 | | | | | | | | | | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | ΑZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, | |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, | |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, | |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, | |
| | | | | | | | | | | | SC, | | | | | | | |
| | | | | | | | | | | | UZ, | | | | | | | |
| | RW: | | | | | | | | | | SL, | | | | | | | |
| | | | | | | | | | | | BE, | | | | | | | |
| | | | | | | | | | | | LU, | | | | | | | |
| | | | | | BF, | ΒJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | |
| | | | TD, | | | | | | | | | | | | | | | |
| AU | 2004 | 2434 | 78 | | A1 | | 2004 | 1209 | | AU : | 2004- | 2434 | 78 | | 2 | 0040 | 518 | |
| CA | 2526 1633 | 206 | | | A1 | | 2004 | 1209 | | CA 2 | 2004- | 2526 | 206 | | 2 | 0040 | 518 | |
| EP | | | | | | | | | | | | | | | | | | |
| | R: | | | | | | | | | | IT, | | | | | | | |
| | | | | | | | | | | | CZ, | | | | | | | |
| BK | 2004 | 01.05 | 48 | | A | | 2006 | 0620 | | BK . | 2004- | 1054 | 40.50 | | 2 | 0040 | 518 | |
| CIN | 1794 2007 2005 | 914 | | | A | | 2006 | 0628 | | CN a | 2004- | 8001 | 4260 | | 2 | 0040 | 218 | |
| JP | 2007 | 0054 | 50 | | T | | 2007 | 1207 | | UP : | 2006- | 5298 | 54 | | 2 | 0040 | 218 | |
| MV | 2005 | 0034 | 20E | | A. | | 2005 | 1207 | | MV 1 | 2005- | DA11 | 206 | | 2 | 0051 | 115 | |
| | 2003 | | | | | | | | | | | | | | | | | |
| | 2005 | | | | | | | | | | | | | | | | | |
| ORITY | | | | | 4.1 | | 200) | 0714 | | | 2003- | | | | | | | |
| LOMITI | | DIA. | 1141 0 | | | | | | | DD . | 2005 | 1002 | 4031 | | | 0050 | 020 | |
| | | | | | | | | | | DE : | 2003- | 1033 | 2429 | | A 2 | 0030 | 716 | |
| | | | | | | | | | | | | | | | - | | , | |
| | | | | | | | | | | DE 3 | 2004- | 1020 | 0401 | | | | | |

/99/90-30-0 Ri AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixts. for rice) 79970-30-0 CAPLUS Benzeneacetic acid, $2-[[6-(2-{\rm cyanophenoxy})-4-{\rm pyrimidinyl}] {\rm oxy}]-\alpha-$

L11 ANSWER 138 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:1033524 CAPLUS
DOCUMENT NUMBER: 142:2110
Synergistic agrochemical fungicidal mixture
TITLE: Tormo i Blasco, Jordi; Grote, Thomas; Scherer, Maria; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich; Haden, Egon; Hampel, Manfred
PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 6
FAMILY ACC. NUM. COUNT: 6
FAMILY ACC. NUM. COUNT: 6

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | TENT I | | | | | | | | | | | | | | | | | |
|----------|--------|------|------|-----|-----|-----|------|------|-----|-----|------|------|-------|------|------|-----|------|-----|
| | | | | | | | | | | | | | | | | | | |
| WO | 2004 | | | | | | | | | | | | | | | | | |
| | W: | | | | | | AU, | | | | | | | | | | | |
| | | | | | | | DE, | | | | | | | | | | | |
| | | | | | | | ID, | | | | | | | | | | | |
| | | | | | | | LV, | | | | | | | | | | | |
| | | | | | | | PL, | | | | | | | | | | | |
| | | | | | | | TZ, | | | | | | | | | | | |
| | RW: | | | | | | MW, | | | | | | | | | | | |
| | | | | | | | RU, | | | | | | | | | | | |
| | | | | | | | GR, | | | | | | | | | | | |
| | | | | | BF, | ΒJ, | CF, | CG, | CI, | CM. | 1, 0 | GΑ, | GN, | GΩ, | GW, | ML, | MR, | NE, |
| | | | TD, | | | | | | | | | | | | | | | |
| | 2004 | | | | | | | | | | | | | | | | | |
| | 2526 | | | | | | | | | | | | | | | | | |
| EP | 1628 | | | | | | | | | | | | | | | | | |
| | R: | | | | | | ES, | | | | | | | | | | | |
| | | | | | | | RO, | | | | | | | | | | | |
| | 2004 | | | | | | | | | | | | | | | | | |
| | 1794 | | | | | | | | | | | | | | | | | |
| | 2007 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| US | 2006 | 2817 | 66 | | AI | | 2006 | 1214 | | US | 200 | 15-5 |)26T | 02 | | 2 | 0051 | |
| PRIORIT: | 2005 | | | | | | 2007 | 0/2/ | | | | | | | | | 0030 | |
| PRIORII. | I APP. | LIV. | TMFO | . : | | | | | | DE | 200 | 13-1 | 1032. | 3/00 | | M 2 | 0030 | 322 |
| | | | | | | | | | | DE | 200 | 3-1 | 1033 | 2430 | | A 2 | 0030 | 716 |
| | | | | | | | | | | DE | 200 | 4-1 | 1020 | 0401 | 5084 | A 2 | 0040 | 330 |
| | | | | | | | | | | WO | 200 | 04-I | SP52 | 50 | | W 2 | 0040 | 515 |

797026-97-2 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic agrochem. fungicide) 797026-97-2 CAPLUS Benzeneacetamide, $2-[(2,5-\operatorname{dimethylphenoxy})\operatorname{methyl}]-\alpha-(\operatorname{methoxyimino})-\operatorname{N-methyl}-, (\alpha E)-, \operatorname{mixt}. with 5-\operatorname{chloro}-7-(4-\operatorname{methyl}-1-\operatorname{piperidinyl})-6-(2,4,6-\operatorname{trifluorophenyl})[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)$

CM 1

L11 ANSWER 138 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CRN 214706-53-3 CMF C17 H15 C1 F3 N5 (Continued)

CM 2

Double bond geometry as shown.

A mixture of dimoxystrobin with

AB A maxture of dimosystroid with 5-chloro-7-(4-methylpiperidin-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine is a synergistic

REFERENCE COUNT:

4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

(alkynylamino)triazolopyrimidines for use in combating harmful
phytopathogenic fungi)
RN 773879-52-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-methyl-N-2-propynyl-6(2,4,6-trifluorophenyl) - (9CI) (CA INDEX NAME)

773879-51-9P 773879-53-1P 773879-54-2P 773879-55-3P 773879-56-4P 773879-55-5P 773879-59-PP 773879-68-6P 773879-63-3P 773879-62-2P 773879-63-3P 773879-64-4P 773879-65-5P 773879-66-6P 773879-67-PP 773879-68-69 773879-67-9P 773879-67-2P 773879-68-PP 773879-69-9P 773879-70-2P IT

773879-71-3P RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(Uses)
(preparation of (alkynylamino)triazolopyrimidines for use in combating harmful phytopathogenic fungi)
773879-51-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-propynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN

773879-53-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, chloro-N-(4-chloro-2-butyny1)-6-(2,4,6-trifluoropheny1)- (9CI) (CA INDEX NAME)

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2004:857602 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 141:332222

Methods for the production and use of TITLE:

Methods for the production and use of 7-(alkynylamino)triazolopyrimidines and agents containing them useful for combating harmful fungi Torno I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Scherer, Maria; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
BASF Aktiengesellschaft, Germany PCT Int. Appl., 36 pp.
CODEN: PIXXD2
Patent
German INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT:

| | TENT I | | | | | | | | | | | | | | | ATE | |
|---------|--------|------|------|-----|-----|-----|------|------|-----|------|------|------|------|-----|-----|------|-----|
| | 2004 | | | | | | | | | | | | | | | | |
| | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | ΑZ, | BA, | BB, | BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | CO, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MΖ, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | AM, | ΑZ, |
| | | BY, | KG, | ΚZ, | MD, | RU, | ТJ, | TM, | ΑT, | BE, | BG, | CH, | CY, | CZ, | DE, | DK, | EE, |
| | | | | | | | | | | | MC, | | | | | | |
| | | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, |
| | | TD, | | | | | | | | | | | | | | | |
| | 2004 | | | | | | | | | | | | | | | | |
| | 2520 | | | | | | | | | | | | | | | | |
| EP | 1613 | | | | | | | | | | | | | | | | |
| | R: | | | | | | | | | | IT, | | | | | | |
| | | | | | | | | | | | TR, | | | | | | |
| BR | 2004 | 3088 | 64 | | A | | 2006 | 0411 | | BR 2 | 004- | 8864 | | | 2 | 0040 | 330 |
| CN | 1768 | 062 | | | A | | 2006 | 0503 | | CN 2 | 004- | 8000 | 9242 | | 2 | 0040 | 330 |
| JP | 2006 | 5220 | 46 | | T | | 2006 | 0928 | | JP 2 | 006- | 5049 | 13 | | 2 | 0040 | 330 |
| | | | | | | | | | | | | | | | | | |
| | 2005 | | | | | | | 0/20 | | | 005- | | | | | | |
| RIORITY | APP. | LN. | INFO | . : | | | | | | DE 2 | 003- | 1031 | 4930 | | A 2 | 0030 | 402 |
| | | | | | | | | | | | | | | | | | 330 |

OTHER SOURCE(S): CASREACT 141:332222; MARPAT 141:332222

RSOUNCE(S): CASKEACT 141:332222; MARPAI 141:332222
773879-52-0P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT
(Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation and nucleophilic substitution reactions of; preparation

(Continued) L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

773879-54-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,1-dimethyl-2-propynyl)-6-(2,4,6-trifiluorophenyl)- (9CI) (CA INDEX NAME)

773879-55-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-2-propynyl- (9CI) (CA INDEX NAME)

773879-56-4 CAPLUS $\begin{tabular}{ll} 773879-56-4 & CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,1-dimethyl-2-propynyl)- (9CI) & (CA INDEX NAME) \\ \hline \end{tabular}$

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

773879-57-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-2-butynyl-5-chloro-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 773879-58-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methyl-2-prophyn))6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 773879-59-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methyl-2-butynyl)-6(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

773879-60-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-pentynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 773879-62-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methyl-2-pentynyl)6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

773879-63-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-3-butynyl-5-chloro-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773879-64-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methyl-3-butynyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{F} \\ \text{F} \\ \text{CH} \\ \text{CH} \\ \text{CH} \\ \text{N} \\ \text{N} \\ \text{N} \end{array}$$

773879-65-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-3-pentynyl-6-(2,4,6-trifivorophenyl)- (9CI) (CA INDEX NAME)

773879-66-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-4-pentynyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

773879-67-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1-methyl-2-propynyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773879-68-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(1-methyl-2-propynyl)- (9CI) (CA INDEX NAME)

773879-69-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1-methyl-2-propynyl)- (9CI) (CA INDEX NAME)

773879-70-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(methyl-2-propynylamino)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Page 219

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

773879-71-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
hoxy-N-methyl-N-2-propynyl-6(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

GI

7-(Alkynylamino)triazolopyrimidines I [L = halogen, C1-6-alkyl, C1-6-halogenalkyl, C1-6-alkoxy, NH2, NHR, NR2, cyano, S(O)nA1 or C(O)A2; AB

= C1-8-alky1, C1-8-alky1carbonyl; A1 = hydrogen, hydroxy, C1-8-alky1, C1-8-alky1amino, di(C1-8-alky1)amino; n = 0, 1 or 2; $\lambda 2$ = C2-8-alkenyl, C1-8-alkoxy, C1-6-halogenalkoxy or A1; m = 1, 2, 3, 4 or 5 (whereby at least one group L is present in an ortho-position to the bond with the triazolopyrimidine skeleton); X = halogen, cyano, C1-4-alky1, C1-4-haloaky1, C1-4-alkoxy, R1 = hydrogen, C1-4-alky1; R2 = (un)substituted C3-10-alkynyl]. The invention also relates to methods

CAPLUS COPYRIGHT 2008 ACS on STN 2004:857601 CAPLUS 141:332213

Preparation of alkenylaminotriazolopyrimidines as agrochemical fungicides.

Torno I Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja; Scherer, Marla; Strathmann, Siegfried; Schoefl, Ulrich; Stierl, Reinhard
BASF Aktiengesellzchaft, Germany PCT Int. Appl., 47 pp.
CODEN: PIXXD2
Patent
German ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | FENT | NO. | | | KIN: | | | | | | LICAT | | | | | ATE | |
|--------|-------|-------|-------|-----|------|-----|------|------|-----|-------|-------|------|-------|-----|-----|------|-----|
| | | | | | | | | | | | | | | | | | |
| WO | 2004 | 10877 | 05 | | A1 | | 2004 | 1014 | | WO. | 2004- | EP31 | 02 | | 2 | 0040 | 324 |
| | w: | ΑE, | AG, | AL, | AM, | AT, | ΑU, | AZ, | BA, | BB | , BG, | BR, | BW, | BY, | BZ, | CA, | CH, |
| | | CN, | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ | , EC, | EE, | EG, | ES, | FI, | GB, | GD, |
| | | GE, | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS | , JP, | KE, | KG, | KP, | KR, | KZ, | LC, |
| | | LK, | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG | , MK, | MN, | MW, | MX, | MZ, | NA, | NI, |
| | | NO, | NZ, | OM, | PG, | PH, | PL, | PT, | RO, | RU | , SC, | SD, | SE, | SG, | SK, | SL, | SY, |
| | | TJ, | TM, | TN, | TR, | TT, | TZ, | UA, | UG, | US | , UZ, | VC, | VN, | YU, | ZA, | ZM, | zw |
| | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | SD, | SL | , SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, |
| | | BY, | KG, | KZ, | MD, | RU, | ΤJ, | TM, | AT, | BE | , BG, | CH, | CY, | CZ, | DE, | DK, | EE, |
| | | ES, | FI, | FR, | GB, | GR, | HU, | IE, | IT, | LU | , MC, | NL, | PL, | PT, | RO, | SE, | SI, |
| | | SK, | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GA | , GN, | GQ, | GW, | ML, | MR, | NE, | SN, |
| | | TD, | TG | | | | | | | | | | | | | | |
| ΑU | 2004 | 2262 | 33 | | A1 | | 2004 | 1014 | | AU | 2004- | 2262 | 33 | | 2 | 0040 | 324 |
| CA | 2520 | 1579 | | | A1 | | 2004 | 1014 | | CA | 2004- | 2520 | 579 | | 2 | 0040 | 324 |
| EP | 1611 | 135 | | | A1 | | 2006 | 0104 | | EP | 2004- | 7228 | 27 | | 2 | 0040 | 324 |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR | , IT, | LI, | LU, | NL, | SE, | MC, | PT, |
| | | IE, | SI, | LT, | LV, | FI, | RO, | MK, | CY, | AL | , TR, | BG, | CZ, | EE, | HU, | PL, | SK |
| BR | 2004 | 0087 | 54 | | A | | 2006 | 0328 | | BR | 2004- | 8754 | | | 2 | 0040 | 324 |
| CN | 1768 | 060 | | | A | | 2006 | 0503 | | CN | 2004- | 8000 | 8707 | | 2 | 0040 | 324 |
| JP | 2007 | 5238 | 43 | | Т | | 2007 | 0823 | | JP | 2006- | 5048 | 35 | | 2 | 0040 | 324 |
| US | 2006 | 2115 | 73 | | A1 | | 2006 | 0921 | | US | 2005- | 5486 | 90 | | 2 | 0050 | 912 |
| IN | 2005 | CN02 | 817 | | A | | 2007 | 0727 | | IN | 2005- | CN28 | 17 | | 2 | 0051 | 031 |
| T TO S | Z ADE | IN. | TATEO | | | | | | | TO TO | 2003- | 1021 | 47.00 | | | 0030 | 271 |

WO 2004-EP3102

W 20040324

OTHER SOURCE(S): MARPAT 141:332213

IT 388060-24-0P 773148-94-0P 773148-95-1P
773148-96-2P 773148-97-3P 773148-98-4P
773148-95-5P 773149-01-2P
773149-03-4P 773149-04-5P 773149-06-P
773149-06-7P 773149-07-8P 773149-10-4P
773149-12-5P 773149-10-3P 773149-11-4P
773149-11-5P 773149-16-3P 773149-11-4P
773149-15-8P 773149-16-3P 773149-18-1P
773149-19-2P 773149-20-5P 773149-21-6P
773149-22-7P 773149-26-1P 773149-27-2P

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PR.

L11 ANSWER 139 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continue the prodm. of said compds., agents contg. said compds. and the use

thereof

to combat harmful phytopathogenic fungi. The procedure for the prepn. of I is characterized by: reaction of halotriazolopy:imidines II (Hal = halogen) with RHR2NH. Thus, triazolopy:imidine I [RI = H, R2 = CH2C.tplbond.CH, X = CI, 1.3 = F3-2, 4,6] was prepd. from 5,7-Dichloro-6-(2,4,6-trifluorophenyl)(1,2,4]triazolo[1,5-a]pyrimidine (II;) via amination with HC.tplbond.CCH2NH2 in CH2Cl2 contg. Et3N. The inhibitory activity of I were detd. [after 5 d I (RI = H, R2 = CH2C.tplbond.CCH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CI, L3 = F3-2,4,6; RI = H, R2 = CM2C.tplbond.CH2Cl, X = CM2C.tp

REFERENCE COUNT:

5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

(USES) (prepn. of alkenylaminotriazolopyrimidines as agrochem. fungicides) 388060-24-0 CAPLUS (1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2,5-dihydro-2,5-dimethyl-1H-pyrrol-1-yl)- (CA INDEX NAME)

RN 773148-94-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methyl-2-propenyl)6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

773148-95-1 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 773148-96-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methyl-2-butenyl)-6-

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME) (Continued)

773148-97-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,3-dimethyl-2-butenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

773148-98-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethyl-2-butenyl)-6(2,4,6-triffluorophenyl)- (9CI) (CA INDEX NAME)

773148-99-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,3-dimethyl-2-butenyl)-6-(4-fluoro-2-methylphenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773149-04-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-diffluorophenyl)-N-(1,3-dimethyl-2-butenyl)- (9CI) (CA INDEX NAME)

RN 773149-05-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(1,2-dimethyl-2-butenyl)- (9CI) (CA INDEX NAME)

773149-06-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2,5-dihydro-2,5-dimethyl-1H-pyrrol-1-yl)- (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

773149-01-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethyl-2-butenyl)-6-(4-fluoro-2-methylphenyl)- (9Cl) (CA INDEX NAME)

773149-02-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(2,5-dihethyl-1H-pyrrol-1-yl)- (CA INDEX NAME)

RN 773149-03-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,5-dihydro-2,5-dimethyl-1Hpyrrol-1-yl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773149-07-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,5-dihydro-2,5-dimethyl-1Hpyrrol-1-yl)-6-(2-fluorophenyl)- (CA INDEX NAME)

773149-08-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1-methyl-2-propenyl)- (GC INDEX NAME)

773149-09-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethyl-2-propenyl)-6-(4-fluoro-2-methylphenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me CH2
NH-CH-C-Me

RN 773149-10-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1-methyl-2-butenyl)- (9CI) (CA INDEX NAME)

Me NH-CH-CH—CH-Me

RN 773149-11-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methyl-3-butenyl)-6(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

 $\begin{array}{c} \text{Me} \\ \text{F} \\ \text{NH-CH-CH_2-CH-CH_2} \end{array}$

RN 773149-12-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1-methyl-3-butenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773149-16-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1-amethyl-2-propenyl)- (9CI) (CA INDEX NAME)

C1 NH-CH-CH-CH2

RN 773149-18-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1,2-dimethyl-2-propenyl)- (9CI) (CA INDEX NAME)

Me CH2
NH-CH-C-Me

RN 773149-19-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1-methyl-2-butenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me NH-CH-CH₂-CH=CH₂

RN 773149-13-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-difluorophenyl)-N(1-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

Me CH-CH-CH=CH2

RN 773149-14-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-diffluorophenyl)-N-(1,2-dimethyl-2-propenyl)- (9CI) (CA INDEX NAME)

Me CH2
NH-CH-C-Me

RN 773149-15-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(1-methyl-2-butenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me NH-CH-CH-Me

RN 773149-20-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1,3-dimethyl-2-butenyl)- (9CI) (CA INDEX NAME)

NH-CH-CH-CMe

RN 773149-21-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methyl-2-propenyl)-6-(2,4,6-trifilorophenyl)- (9CI) (CA INDEX NAME)

Me Me
F
N-CH-CH-CH

RN 773149-22-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(1-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773149-23-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methyl)-d-pentenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 773149-24-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,6-dihydro-2-methyl-1(2H)-pyridinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 773149-25-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1-methyl-4-pentenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773149-29-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(2,5-dihydro-2,5-dimethyl-1H-pyrrol-1-yl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 773149-30-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
7-(2,5-dihydro-2,5-dimethyl-1H-pyrrol-1yl)-5-methoxy-6-(2,4,6-trifiluorophenyl)- (CA INDEX NAME)

GI

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 773149-26-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,5-dihydro-2,5-dimethyl-1Hpyrrol-1-yl)-6-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

RN 773149-27-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-difluorophenyl)-N(1-methyl-4-pentenyl)- (9CI) (CA INDEX NAME)

RN 773149-28-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1-methyl-4-pentenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 140 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Title compds. [I; L = halo, alkyl, haloalkyl, alkoxy, amino, NHR, NR2; R = alkyl, alkylcarbonyl; m = 1-5; X = halo, cyano, alkyl, haloalkyl, alkoxy; R1 = alkyl, haloalkyl; R2 = H, alkyl; R3R4N = (substituted) alkenyl; R4 = H, alkyl; R5R4N = (substituted) 5 - or 6-membered unsatd. ring which can be interrupted by O, N, S], were prepared Thus, 5;7-dichloro-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine, (1-methyl-2-propen-1-yl)amine, and Et3N were stirred 16 h in CH2Cl2 at 20-25° to give 5-chloro-6-(2,4,6-trifluorophenyl)-7-(1-methyl-2-propen-1-yl)amino-1,2,4-triazolo[1,5-a]pyrimidine. The latter at 250 ppm gave 100% control of Alternaria solani on tomato plants.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2004:633396 CAPLUS DOCUMENT NUMBER: 141:135684 141:135684

Synergistic fungicidal mixtures based on a triazolopyrimidine derivative and azoles Tormo I. Blasco, Jordi; Grote, Thomas; Ammermann, Eberhard; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrid. BASF Aktiengesellschaft, Germany PCT Int. Appl., 34 pp. CODEN: PIXXD2
Patent TITLE: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE WO 2004064519 A1 20040805 WO 2003-EP12767 20031114
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, F1, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, FE, KG, KP, FR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, N1, NO, NZ, OM,
FG, FH, FL, FT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZM
RW: BM, GH, GM, KF, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, F1, FR, GB, GR, HU, IE, IT, LU, MC, NL, FT, RO, SE, S1, SK,
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TR, BF, BJ, CF, CG, C1, CM, GA, GN, GC, GW, ML, MR, NE, SN, TD,

CA 2505588 A1 20040805 CA 2003-2505588 20031114

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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

ER 2003016273 A 20051011 BR 2003-16273 20031114

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NC 2005001926 A 20050614 NO 2005-1926 20050420

US 2006113320 A1 20060525 US 2005-532755 20050427

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WX 2005F9A04548 A 20050726 MX 2005-PA4548 20050612

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EG 205004842 A 20060830 CA 2005-CN1220 20050613

EA 2005004842 A 20060830 CA 2005-CN1220 20050613 TG ZA 2005004842 PRIORITY APPLN. INFO.: WO 2003-EP12767 W 20031114

214706-53-3D, mixts. with azoles 727691-75-0 727691-77-2 727691-79-4 727691-81-8 727691-83-4 727691-83-4 727691-83-4 727691-83-5 727691-93-2 727691-95-5 727691-97-6 727691-99-8 727692-05-5 727692-03-7 727692-05-9 727692-07-1

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

727691-77-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 1-[[2-[2-chloro-4-(4-

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM

119446-68-3 C19 H17 C12 N3 O3

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compn.)
RN 214706-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

727691-75-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 1-[[4-bromo-2-(2,4-dichlorophenyl)tetrahydro-2-furanyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 116255-48-2 CMF C13 H12 Br C12 N3 O

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

727691-79-4 CAPLUS 1H-1,2,4-Triazole-1-ethanol, β -[(2,4-dichlorophenyl)methylene]- α -(1,1-dimethylethyl)-, (β E)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4-detrifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 83657-24-3 CMF C15 H17 C12 N3 O

Double bond geometry as shown.

L11 ANSWER 141 of 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 727691-81-8 CAPLUS
CN 1H-1,2,4-Triazole-1-propanenitrile, \(\alpha - [2-(4-chlorophenyl) \) \ethyl] - \(\alpha - [2,4,6-\) \) trifluorophenyl) [1,2,4] triazolo[1,5-a] pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CRN 114369-43-6 CMF C19 H17 C1 N4

RN 727691-83-0 CAPLUS
CN 4(3H)-Quinazolinone,
3-(2,4-dichlorophenyl)-6-fluoro-2-(1H-1,2,4-triazol-1y1)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CRN 136426-54-5 CMF C16 H8 C12 F N5 O

727691-85-2

727691-85-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 1-[[bis(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazolo (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 85509-19-9 CMF C16 H15 F2 N3 Si

727691-87-4 CAPLUS $1H-1,2,4-Triazole-1-ethanol,\ \alpha-butyl-\alpha-(2,4-dichlorophenyl)-,$ mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

Page 225

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 79983-71-4 CMF C14 H17 C12 N3 O

RN 727691-89-6 CAPLUS
CN 1H-Imidazole-1-carboxamide,
N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]-,
mint: with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 67747-09-5 CMF C15 H16 C13 N3 O2

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 727691-91-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with
1-[2-(2,4-dichlorophenyl)-3-(1,1,2,2-tetrafluoroethoxy)propyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 112281-77-3 CMF C13 H11 C12 F4 N3 O

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

727691-95-4 CAPLUS 1H-1,2,4-Triazole-1-ethanol, α -(2-fluorophenyl)- α -(4-fluorophenyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 76674-21-0 CMF C16 H13 F2 N3 O

727691-97-6 CAPLUS 1H-1,2,4-Triazole-1-propanenitrile, α -butyl- α -(4-chlorophenyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

727691-93-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 1-[(1E)-1-[(4-chloro-2-(trifluoromethyl)phenyl]imino]-2-propoxyethyl]-1H-imidazole (9CI) (CA INDEX NAME)

CM 1

CM 2

CRN 68694-11-1 CMF C15 H15 C1 F3 N3 O

Double bond geometry as shown.

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 88671-89-0 CMF C15 H17 C1 N4

727691-99-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 1-[2-(2,4-dichlorophenyl)pentyl]-1H-1,2,4-triazole (3CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CRN 66246-88-6 CMF C13 H15 C12 N3

RN 727692-01-5 CAPLUS CN $1H-1,2,4-Triazole-1-ethanol,\alpha-(4-fluorophenyl)-\alpha-[(trimethylsily1)methyl]-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)- <math>6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA NAME)$

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 149508-90-7 CMF C14 H20 F N3 O Si

CH2-SiMe3

727692-03-7 CAPLUS Cyclopentanol, 2-[(4-chlorophenyl)methyl]-5-(1-methylethyl)-1-(1H-1,2,4-triazol-1-ylmethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 125225-28-7 CMF C18 H24 C1 N3 O

727692-05-9 CAPLUS
Cyclopentanol, 5-[(4-chlorophenyl)methylene]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 131983-72-7 CMF C17 H20 C1 N3 O

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 727692-07-1 CAPLUS
CN 3H-1,2,4-Triazole-3-thione,
2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)2-hydroxypropyl)-1,2-dihydro-, mixt. with 5-chloro-7-(4-methyl-1piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine
(9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM 2

CRN 178928-70-6 CMF C14 H15 C12 N3 O S

L11 ANSWER 141 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Syneristic fungicidal mixts. contain
5-chloro-7-(4-methylpiperidin-1-y1)-6(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine and an azole
derivative selected from bromuconazole, difenoconazole, diniconazole,
fenbuconazole, fluquinconazole, flusilazole, hexaconazole, prochloraz,
tetraconazole, triflumizole, flutriafol, myclobutanil, penconazole,
simeconazole, ipconazole, triticonazole and prothioconazole.

REFERENCE COUNT:

4 THERE ARE 4 CITTED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 142 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) methylphenyl)-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM

CRN 120116-88-3 CMF C13 H13 C1 N4 O2 S

-NMe2

693244-50-7 CAPLUS 5H-1,3-Dioxolo[4,5-f]benzimidazole, 6-bromo-5-[(3,5-dimethyl-4-isoxazolyl)sulfonyl]-2,2-difluoro-, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 142 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:451738 CAPLUS

DOCUMENT NUMBER: 140:419311

INVENTOR(S): Synergistic fungicidal mixtures comprising an imidazole derivative and a triazolopyrimidine

TORNO I Blasco, Jordi; Gotor, Thomas; Ammermann, Eberhard; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PATENT ASSIGNEE(S): POT Int. Appl., 21 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAIL | NI - | LIVE OR | MA III | DIV: | | | | | | | | | | | | | | |
|------|------|---------|--------|------|-----|-----|-----|------|------|-----|----|-------|-------|------|-----|-----|------|-----|
| | | ENT : | | | | | | | | | | | | | | | | |
| | | 2004 | | | | | | | | | | | | | | | | |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB | B, BG | BR, | BY, | BZ, | CA, | CH, | CN, |
| | | | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC | , EE | ES, | FI, | GB, | GD, | GE, | GH, |
| | | | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE | E, KG | KP, | KR, | KZ, | LC, | LK, | LR, |
| | | | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN | I, MW | , MX, | MZ, | NI, | NO, | NZ, | OM, |
| | | | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE | E, SG | , SK, | SL, | SY, | ТJ, | TM, | TN, |
| | | | | | | | | | | | | | , ZA, | | | | | |
| | | RW: | | | | | | | | | | | , TZ, | | | | | |
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| | | | TR, | BF, | ΒJ, | CF, | CG, | CI, | CM, | GΑ, | GN | 1, GQ | , GW, | ML, | MR, | NE, | SN, | TD, |
| TG | CA | 2505 | 102 | | | 8.1 | | 2004 | 0602 | | C2 | 2002 | 2505 | 102 | | - | 0021 | 114 |
| | | 2003 | | | | | | | | | | | | | | | | |
| | | 2003 | | | | | | | | | | | | | | | 0031 | |
| | | 1585 | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | BG, | | | | | |
| | CN | 1711 | | | | | | | | | | | | | | | | |
| | JP | 2006 | 5064 | 27 | | T | | 2006 | 0223 | | JP | 2004 | -5526 | 07 | | 2 | 0031 | 114 |
| | NZ | 5405 | 03 | | | A | | 2007 | 0531 | | NZ | 2003 | -5405 | 03 | | 2 | 0031 | 114 |
| | | 2005 | | | | | | | | | | | | | | | | |
| | MX | 2005 | PA04 | 366 | | A | | 2005 | 0705 | | MX | 2005 | -PA43 | 66 | | 2 | 0050 | 425 |
| | | 2006 | | | | | | | 0511 | | US | 2005 | -5327 | 69 | | 2 | 0050 | 427 |
| | | 7282 | | | | | | 2007 | | | | | | | | | | |
| | | 2005 | | | | | | | | | | | | | | | | |
| | | 2005 | | | | A | | 2007 | 0810 | | IN | 2005 | -CN12 | 37 | | 2 | 0050 | 614 |
| PRIO | RITS | APP: | LN. | INFO | . : | | | | | | DE | 2002 | -1025 | 3590 | | A 2 | 0021 | 115 |
| | | | | | | | | | | | WO | 2003 | -EP12 | 770 | | W 2 | 0031 | 114 |

L11 ANSWER 142 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 188026-76-8 CMF C13 H8 Br F2 N3 O5 S

214706-53-3D, mixts, with imidazole derivs.

L11 ANSWER 142 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

N N
$$C_1$$
 C_1 C_2 C_3 C_4 C_4 C_4 C_5 C_5 C_6 C_7 C_8 C_8

AB Disclosed are fungicidal mixts. containing a synergistically effective amount of a triazolopyrimidine I and an imidazole derivative II, wherein X1 and X2 represent halogen and Ph which can be substituted by halogen or alkyl, or X1 and X2 form a difluoromethylendioxyphenyl group along with the bridging
C:C double bond, X3 represents cyano or halogen, and X4 represents dialkylamino or isoxazol-4-yl that can carry two alkyl radicals.

L11 ANSWER 143 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:451737 CAPLUS

DOCUMENT NUMBER: 140:419310

ITILE: Synergistic fungicidal mixtures containing a triazolopyrimidine derivative and a carbamate

TOWNOTOR(S): Town I Blasco, Jordi; Gotor, Thomas, Ammermann, Eberhard; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 24 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | | | LICAT | | | | | | |
|------|---------|------|--------|-------|-----|-----|-----|------|------|-----|----------|-------------------------|---------------|----------|-----|------|------|------|
| | | | | | | | | | | | | 2003- | | | | | | |
| | | W: | | | | | | | | | | , BG, | | | | | | |
| | | | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC | , EE, | EG, | ES, | FI, | GB, | GD, | GE, |
| | | | GH, | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP | , KE, | KG, | KP, | KR, | KZ, | LC, | LK, |
| | | | LR, | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK | , MN, | MW, | MX, | MZ, | NI, | NO, | NZ, |
| | | | OM, | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD | , SE, | SG, | SK, | SL, | SY, | ΤJ, | TM, |
| | | | TN, | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC | , VN, | YU, | ZA, | ZM, | ZW | | |
| | | RW: | BW, | GH, | GM, | KE, | LS, | MW, | MZ, | SD, | SL | , SZ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, |
| | | | BY, | KG, | KZ, | MD, | RU, | TJ, | TM, | AT, | BE | , BG, | CH, | CY, | CZ, | DE, | DK, | EE, |
| | | | | | | | | | | | | , MC, | | | | | | |
| | | | TR, | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN | I, GQ, | GW, | ML, | MR, | NE, | SN, | TD, |
| ľG | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 2003- | | | | | | |
| | | | | | | | | | | | | 2003- | | | | | | |
| | EP | | | | | | | | | | | 2003- | | | | | | |
| | | R: | | | | | | | | | | , IT, | | | | | | |
| | | | IE, | SI, | LT, | LV, | FI, | RO, | MK, | CY, | AL | , TR, | BG, | CZ, | EE, | HU, | SK | |
| | BR | 2003 | 0162 | 37 | | A | | 2005 | 1011 | | BR | 2003- 2003- | 1623 | 7 | | 2 | 0031 | 114 |
| | CN | 1/11 | 023 | | | A | | 2005 | 1221 | | CM | 2003- | 8010 | 3252 | | 2 | 0031 | 114 |
| | JP | 2006 | 5064 | 26 | | Т | | 2006 | 0223 | | JP | 2004- | 5526 | 05 | | 2 | 0031 | 114 |
| | | 5404 | 13 | 0.4 | | A | | 2007 | 0427 | | NZ | 2003- 2005- | 2024 | 13 | | 2 | 0050 | 114 |
| | NU | 2005 | 0019 | 24 | | A | | 2005 | 0014 | | NO | 2005- | 1924 | | | 2 | 0050 | 420 |
| | | | | | | | | | | | | 2005- | | | | | | |
| | | 2374 | 2003 | 09 | | AT | | 2003 | 1223 | | US EC | 2005- | 3327 | 36 | | 2 | 0050 | 507 |
| | 27 | 2005 | 0040 | 20 | | A. | | 2007 | 0723 | | EG | 2005- | 10 20 TO 1 | | | 2 | 0050 | 614 |
| | TNI | 2005 | CN101 | 226 | | 2 | | 2000 | 0030 | | TM | 2005- | 9000 90000 | 20 | | 2 | 0050 | C1 4 |
| | TIN | 2003 | CNUL | 472 | | 7 | | 2007 | 0000 | | TIM | 2003- | CMIZ | 20 72 | | 2 | 0030 | 412 |
| D TO | D T TIV | APP | TM | TNIEC | | Δ. | | 2007 | 0920 | | DE | 2005- 2007- 2002- | 1025 | 7507 | | x 2 | 0070 | 115 |
| KIO. | KT 11 | LAFF | 1214 . | TIME | | | | | | | DE | 2002- | 1023 | 3303 | | n 2 | 0021 | 113 |
| | | | | | | | | | | | WO | 2003- | EP12 | 768 | , | W 2 | 0031 | 114 |
| | | | | | | | | | | | TN | 2005- | CN112 | 36 | | 23.2 | 0050 | 61.4 |

OTHER SOURCE(S): MARPAT 140:419310 IT 693244-60-9 693244-61-0 693244-62-1 RL: AGR (Agricultural use); BIOL (Biological study); USES (USes)

L11 ANSWER 143 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (synergistic fungicidal compn.)
RN 693244-60-9 CAPLUS
CN Carbamic acid, [2-[[1-(4-fluorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with (Continued)

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazo lo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

CM

CRN 175013-33-9 CMF C19 H18 F N3 O4

693244-61-0 CAPLUS Carbamic acid, [2-[[[1-(4-chlorophenyl)-lH-pyrazol-3-y1]oxy]methyl]phenyl]methoxy-, methyl ester, mixt. with

5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 143 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 175013-18-0 CMF C19 H18 C1 N3 O4

693244-62-1 CAPLUS
Carbamic acid, methoxy[2-[[[1-(4-methylphenyl)-1H-pyrazol-3yl]oxy[methyl]phenyl]-, methyl ester, mixt. with 5-chloro-7-(4-methyl-1piperidinyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine
(9C1) (CA INDEX NAME)

CM 1

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

L11 ANSWER 143 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 175013-22-6 C20 H21 N3 O4

214706-53-3D, mixts. with carbamates
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-l-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

L11 ANSWER 143 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The invention relates to synergistic fungicidal mixts, containing the triazolopyrimidine derivative I and a carbamate II, wherein n represents

2, and X represents halogen, alkyl and haloalkyl.

L11 ANSWER 144 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:451736 CAPLUS

TITLE: 140:419309

INVENTOR(S): Tormor I Blasco, Jordi; Grote, Thomas; Ammermann, Eberhard; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich

PATENT ASSIGNEE(S): BASF Aktiengesellschaft, Germany

POCUMENT TYPE: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

FAMILY ACC. NUM. COUNT: 1

FAMILY ACC. NUM. COUNT: 1

FATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE

WO 2004045288 A2 20040603 WO 2003-EF12769 20031114
WO 2004045288 A3 20040729
W: AF, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FT, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, KM, MX, MZ, NI, NO, NZ, CM, PG, PH, PL, PT, RO, BU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TF, TT, TZ, UA, UG, US, VZ, VZ, VN, VU, AZ, AM, AW
RN: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, TM, AT, BE, BG, CH, CT, CZ, DE, DK, EE, ES, FT, FR, GB, GR, HU, IE, IT, LU, MC, NI, FT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, NK, NE, SN, TD, TG
AU 2003292033 A1 20040615 AD 2003-EP12769 W 20031114

AU 2003292023 PRIORITY APPLN. INFO.:

TT

692736-85-9
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal mixture for rice)
692736-85-9 CAPLUS
Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl) -, mixt. with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl) [1,2,4|triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 220899-03-6 CMF C19 H21 Br O5

L11 ANSWER 144 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

214706-53-3 C17 H15 C1 F3 N5

GI

Disclosed are fungicidal mixts. for controlling rice pathogens,

AB Discussed and Lampson

containing

synergistically effective amts. of metrafenone(I), and triazolopyrimidine

derivative II.

L11 ANSWER 145 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2004:451732 CAPLUS COLUMENT NUMBER: 140:419308 Synergistic fungicidal mixtures for controlling rice TITLE: Synergistic fungicidal mixtures for controlling ric pathogens Tormo I Blasco, Jordi; Grote, Thomas; Ammermann, Eberhard; Stierl, Reinhard; Strathmann, Siegfried; Schoefl, Ulrich BASF Aktiengesellschaft, Germany FCT Int. Appl., 13 pp. CODEN: PIXXD2 Patent INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE WO 2004045283 A2 20040603 WO 2003-EP12776 20031114
WO 2004045283 A3 20040729 BA, BB, BB, BR, BY, BZ, CA, CH, CN, CC, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, F1, GB, GB, GE, GH, GM, HR, HB, ID, IL, IN, IS, JF, KE, KG, KF, KR, KE, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MZ, NI, NO, NZ, CM, FG, PH, EL, F1, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, VU, ZA, ZM, ZM
RN: BN, GH, GM, KE, LS, MN, MS, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MM, RU, TI, TX, TZ, CM, CM, FG, FB, FB, CR, CR, CY, CZ, DE, DK, EE, ES, F1, FF, GB, GR, HU, IE, IT, LU, MC, NL, FT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GC, GW, ML, MR, NE, N, TN, TR TG CA 2003-2505498 AU 2003-292024 EP 2003-767549 CA 2505498 A1 AU 2003292024 EP 1562426 EP 1562426 20040615 20050817 20061220 A1 20031114 20031114 A2 B1 | 20050149 | Representation | Representa PRIORITY APPLN. INFO.: WO 2003-EP12776 W 20031114

IT 692734-83-1 NE. AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal mixture for controlling rice pathogens) 62734-63-1 CAPLOS

ANSWER 146 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2004:451731 CAPLUS

IMENT NUMBER: 140:419307

ENTOR(S): Tormo I Blasco, Jordi; Grote, Thomas; Ammermann,
Eberhard; Stierl, Reinhard; Strathmann, Siegfried;
Schoefl, Ulrich

ENT ASSIGNEE(S): BAFF Aktiengesellschaft, Germany
PCT Int. Appl., 17 pp.

CODEN: PIXXD2

JUAGE: German

LLY ACC. NUM. COUNT: 1 ACCESSION NUMBER: DOCUMENT NUMBER:

INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA: | CENT I | NO. | | | KIN | D | DATE | | | APPL | ICAT | ION : | NO. | | D. | ATE | |
|-----|--------|------|-----|-----|-----|-----|------|------|-----|------|------|-------|-----|-----|-----|-------|-----|
| | | | | | | | | | | | | | | | - | | |
| WO | 2004 | 0452 | 82 | | A2 | | 2004 | 0603 | | WO 2 | 003- | EP12 | 772 | | 2 | 0031: | 114 |
| WO | 2004 | 0452 | 82 | | A3 | | 2004 | 0729 | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BY, | BZ, | CA, | CH, | CN, |
| | | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | ES, | FI, | GB, | GD, | GE, | GH, |
| | | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, | LK, | LR, |
| | | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NI, | NO, | NZ, | OM, |
| | | PG, | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SG, | SK, | SL, | SY, | TJ, | TM, | TN, |
| | | TR, | TT, | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZA, | ZM, | ZW | | | |
| | RW: | BW. | GH. | GM. | KE. | LS. | MW. | MZ. | SD. | SL. | SZ. | TZ. | UG. | ZM. | ZW. | AM. | AZ. |
| | | BY. | KG. | KZ. | MD. | RU. | TJ, | TM. | AT. | BE. | BG. | CH. | CY. | CZ. | DE. | DK. | EE. |
| | | | | | | | HU, | | | | | | | | | | |
| | | | | | | | CI, | | | | | | | | | | |
| CA | 2505 | 495 | | | A1 | | 2004 | กลกร | | CA 2 | 003- | 2505 | 495 | | 2 | 0031 | 114 |
| | 2003 | | 70 | | A1 | | 2004 | | | | 003- | | | | _ | 0031 | |
| | 1567 | | | | A2 | | 2005 | | | | 003- | | | | _ | 0031: | |
| | 1567 | | | | B1 | | 2007 | | | DF 2 | 005- | 1022 | 01 | | - | 0001. | 117 |
| LF | 1007 | OTI | | | DI | | 2007 | OTIO | | | | | | | | | |

| EP | 156701 | 1 | | | A2 | 200 | 0831 | | EP | 2003- | 7822 | 01 | | 2 | 0031 | 114 |
|--------|--------|------|-----|-----|-----|--------|-------|-----|----|--------|------|------|-----|-----|------|-----|
| EP | 156701 | 1 | | | B1 | 200 | 70110 | | | | | | | | | |
| | R: A | т, в | E, | CH, | DE, | DK, ES | FR, | GB, | GF | R, IT, | LI, | LU, | NL, | SE, | MC, | PT, |
| | 1 | E, S | I, | LT, | LV, | FI, RO | MK, | CY, | AI | , TR, | BG, | CZ, | EE, | HU, | SK | |
| BR | 200301 | 6254 | | | A | 200 | 51004 | | BR | 2003- | 1625 | 4 | | 2 | 0031 | 114 |
| CN | 171102 | 0 | | | A | 200 | 1221 | | CN | 2003- | 8010 | 3215 | | 2 | 0031 | 114 |
| JP | 200650 | 9747 | | | T | 200 | 0323 | | JP | 2004- | 5526 | 08 | | 2 | 0031 | 114 |
| ES | 228082 | 3 | | | Т3 | 200 | 70916 | | ES | 2003- | 3782 | 201 | | 2 | 0031 | 114 |
| NO | 200500 | 1925 | | | A | 200 | 50614 | | NO | 2005- | 1925 | | | 2 | 0050 | 420 |
| MX | 2005PA | 0436 | 8 | | A | 200 | 0705 | | MX | 2005- | PA43 | 68 | | 2 | 0050 | 425 |
| US | 200607 | 4093 | | | A1 | 200 | 0406 | | US | 2005- | 5327 | 70 | | 2 | 0050 | 427 |
| ZA | 200500 | 4840 | | | A | 200 | 0830 | | ZA | 2005- | 4840 | | | 2 | 0050 | 614 |
| IN | 2005CN | 0123 | 8 | | A | 200 | 70727 | | IN | 2005- | CN12 | 38 | | 2 | 0050 | 614 |
| RIORIT | APPLN | . IN | FO. | : | | | | | DE | 2002- | 1025 | 3588 | i i | A 2 | 0021 | 115 |
| | | | | | | | | | wo | 2003- | EP12 | 772 | 1 | W 2 | 0031 | 114 |

TG

PR

692740-07-1
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal composition)
692740-07-1 CAPLUS
3-Pyridinecarboxamide, 2-chloro-N-(4'-chloro[1,1'-biphenyl]-2-yl)-, mixt.
with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

Page 231

L11 ANSWER 145 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzeneacetamide, α-(methoxyimino)-2-[(3E,5E,6E)-5-(methoxyimino)4,6-dimethyl-2,6-dioxa-3,7-diazanona-3,6-dien-1-yl]-N-methyl-,
(αΕ)-, mixt with 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 248593-16-0 CMF C18 H25 N5 O5

Double bond geometry as shown.

214706-53-3 C17 H15 C1 F3 N5

The invention relates to synergistic fungicidal mixts. for controlling rice pathogens, such as Pyricularia oryzae, containing orysastrobin and 5-chloro-7-(4-methylpiperidin-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine.

L11 ANSWER 146 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 214706-53-3 CMF C17 H15 C1 F3 N5

2 $\mathbb{C}\mathbb{M}$

214706-53-3D, mixts. with amides
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)
214706-53-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 146 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

AB Disclosed are fungicidal mixts. containing a synergistically effective amount of a triazolopyrimidine I and an amide II, wherein X1 and X2 represent halogen, nitro, cyano, alkyl, alkenyl, alkynyl, haloalkyl, haloalkynyl, haloalkynyl, alkoxy, haloalkysy, haloalkysy, haloalkysy, haloalkysy, haloalkysy, haloalkystinyl, or alkylsulfonyl, n represents 1, 2, 3, or 4, and m represents 1, 2, 3, 4,

phytopathogenic fungi
Tormo i Blasco, Jordi; Blettner, Carsten; Mueller,
Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote,
Thomas; Gypser, Andreas; Rheinhelmer, Joachim;
Schaefer, Peter; Schieweck, Frank; Schwoegler, Anja;
Ammermann, Eberhard; Strathmann, Siegfried; Schoefl,
Ulrich; Stierl, Reinhard; et al.; et al.
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 46 pp.
CODEN: PIXXD2
Fatent
English
1 LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. TG CA 2504827 A1 20040521 CA 2003-2504827 20031104
AU 2003279353 A1 20040607 AU 2003-279353 20031104
EP 1562948 A2 20050817 EP 2003-772300 20031104
R: AT, BE, CH, DE, DK, ES, FF, GB, GR, IT, LI, LU, NL, SE, MC, FT,
IE, SI, LT, LV, FI, RC, MK, CY, AL, TR, BG, CZ, EE, HU, SK
BR 2003016014 A 20050920 BR 2003-16014 20031104
CN 1751045 A 20060322 CN 2003-80102811 20031104 JP 2006519161 20060824 JP 2004-549099 20031104 A A A A1 MX 2005-PA4620 ZA 2005-4590 IN 2005-CN1154 MX 2005PA04620 20050608 20050429 ZA 2005004590 IN 2005CN01154 20060830 20070824 20050606 20050607 2006241128 20061026 US 2005-532719 PRIORITY APPLN INFO : EP 2002-24808 A 20021107 WO 2003-EP12276 W 20031104

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 2004:412947 CAPLUS 140:423695

Preparation of halogen substituted

phenyltriazolopyrimidines for the control of

ACCESSION NUMBER: DOCUMENT NUMBER:

PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE:

TITLE:

combating

INVENTOR(S):

OTHER SOURCE(S): MARPAT 140:423695
IT 214634-47-6P 329911-38-8P 329911-39-9F 388060-68-2P 388060-72-8P 388060-83-1F

ANSWER 147 OF 199 CAPLUS COPYRIGHT 20 38060-89-7P 691010-68-1P 691010-69-2P 691010-79-5P 691010-11-16P 691010-72-7P 691010-73-8P 691010-71-6P 691010-72-7P 691010-73-8P 691010-73-8P 691010-73-8P 691010-73-8P 691010-73-8P 691010-80-7P 691010-81-8P 691010-82-9P 691010-80-7P 691010-81-8P 691010-83-9P 691010-83-9P 691010-83-9P 691010-83-9P 691010-83-9P 691010-83-9P 691010-83-9P 691010-83-9P 691010-83-9P 691010-93-3P 691011-03-3P 691011-13-3P 691011-13-3P 691011-13-3P 691011-13-3P 691011-13-3P 691011-23-3P 691011-33-5P 691011-33-5P 691011-33-5P 691011-33-5P 691011-33-5P 691011-33-6P 691011-33-6P 691011-33-5P 691011-33-6P 691011-33-5P 691011-33-6P 691011

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 691012-46-1P 691012-48-3P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses) (prepn. of halogen substituted phenyltriazolopyrimidines as fungicides for combating phytopathogenic fungi)
RN 214634-47-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-diffuorophenyl)-N(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 329911-38-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-difluorophenyl)-N(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

329911-39-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,5-trifluorophenyl)- (CA INDEX NAME)

388060-68-2 CAPLUS

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-1chloro-6-(2-chloro-6-1chloro-6-(2-chloro-6-(2-chloro-6-(2-chloro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 388060-72-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-nitrophenyl)-N-e.thyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 388060-83-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,5-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

F NH-CH-Bu-t

RN 388060-89-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-7-(4-

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

EN 691010-71-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

F NH

RN 691010-72-7 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

F NEt2

RN 691010-73-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dipropyl-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) methyl-1-piperidinyl) - (CA INDEX NAME)

EN 691010-68-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,3,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

F N-CH₂-C-Me

RN 691010-69-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6(2,3,5-trifluorophenyl)- (CA INDEX NAME)

F NHPr-i

RN 691010-70-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,3,5-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F N(Pr-n)2

RN 691010-74-9 CAPLUS (N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methylethyl)-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

F N-Pr-i

RN 691010-75-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

F NH-CH-Et

RN 691010-76-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1-methylpropyl]-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F HN S Et

RN 691010-77-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1R)-1-methylpropyl]6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691010-78-3 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6(2,3,5-trifluorophenyl)- (CA INDEX NAME)

RN 691010-79-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691010-83-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3,5trifluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691010-84-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

RN 691010-85-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-h-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691010-80-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,3,5-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691010-81-8 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3,5-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 691010-82-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3,5-trifluorophenyl)-N-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691010-86-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1R)-2,2,2-trifiluoro1-methylethyl]-6-(2,3,5-trifiluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691010-87-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethy1)-6-(2,3,5-trifluoropheny1)- (CA INDEX NAME)

RN 691010-88-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-difluorophenyl)-Nethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F N CH2 C Me

RN 691010-89-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-dffluorophenyl)-N(1-methylethyl)- (CA INDEX NAME)

F NHPr-i

RN 691010-90-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 691010-91-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-dffluorophenyl)-N(1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691010-95-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(4-bromo-2-fluorophenyl)-5-chloro-7-(4methyl-1-piperidinyl)- (CA INDEX NAME)

RN 691010-96-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromo-2-fluoropheny1)-5-chloro-N-cyclopenty1- (CA INDEX NAME)

RN 691010-97-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromo-2-fluorophenyl)-5-chloro-N,N-diethyl- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691010-92-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 691010-93-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691010-94-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromo-2-fluorophenyl)-5-chloro-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691010-98-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromo-2-fluorophenyl)-5-chioro-N-(1-methylpropyl)- (CA INDEX NAME)

RN 691010-99-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromo-2-fluorophenyl)-5-chloro-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 691011-00-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromo-2-fluorophenyl)-5chloro-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Br NH-CH-CF3

RN 691011-01-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromo-2-fluorophenyl)-5-chloro-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

Br NH-CH2-CF3

RN 691011-02-6 CAPLUS
CN [1,2,4]Triazzolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-difluorophenyl)-Nethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 691011-03-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-07-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 691011-08-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-Nethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 691011-09-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,5-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-04-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,3-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 691011-05-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3-difluorophenyl)- (CA INDEX NAME)

FN 691011-06-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)N,N-diethyl- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-10-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N(1-methylpropyl)- (CA INDEX NAME)

RN 691011-11-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluoropheny1)-N(1,2,2-trimethylpropy1)- (CA INDEX NAME)

RN 691011-12-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-13-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,5-trifluorophenyl)- (CA INDEX NAME)

691011-14-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,5-trifluorophenyl)- (CA INDEX NAME)

691011-15-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,5-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

RN 691011-16-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluoroethyl)6-(2,4,5-trifluorophenyl)- (CA INDEX NAME)

691011-17-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

691011-18-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-19-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

691011-20-8 CAPLUS [1,2,4]Triazolo[[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

691011-21-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3,4-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-22-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

RN 691011-23-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluoroethyl)6-(2,3,4-trifluorophenyl)- (CA INDEX NAME)

691011-24-2 CAPLUS Benzenamine, 4-(5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-ajpyrimidin-6-yl]-3-fluoro- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-25-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-amino-2-fluorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

691011-26-4 CAPLUS Benzenamine, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-fluoro-N,N-dimethyl- (CA INDEX NAME)

691011-27-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-(dimethylamino)-2-fluorophenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Cont chloro-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME) (Continued)

RN 691011-31-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-3,5-diflorophenyl)-5-chloro-N-(1-methylethyl)- (CA INDEX NAME)

RN 691011-32-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-bromo-3,5-difluoropheny1)-5-chloro7-(4-methyl-1-piperidiny1)- (CA INDEX NAME)

RN 691011-33-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-3,5-difluorophenyl)-5-chloro-N-cyclopentyl- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-28-6 CAPLUS
Acetamide, N-[4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-fluorophenyl]- (CA INDEX NAME)

691011-29-7 CAPLUS Acetamide, N-[4-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-fluorophenyl]-(CA INDEX NAME)

RN 691011-30-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-3,5-difluorophenyl)-5-

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-34-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-bzomo-3,5-difluorophenyl)-5chloro-N-(1-methylpropyl)- (CA INDEX NAME)

RN 691011-35-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-3,5-diflorophenyl)-5-chloro-N-[(18)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-36-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bzomo-3,5-difloropheny1)-5-chloro-N-[(1R)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F Me HN R Et

RN 691011-37-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-bromo-3,5-difluorophenyl)-5chloro-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

Me NH-CH-Pr-i

RN 691011-38-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-bromo-3,5-diffluorophenyl)-5chloro-N-[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-39-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-bromo-3,5-difluoropheny1)-5chloro-N-[(1R)-1,2-dimethylpropy1]- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) chloro-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-43-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-bromo-3,5-diffluorophenyl)-5chloro-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

MH-CH-CF3

RN 691011-44-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-3,5-diflucrophenyl)-5chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-45-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-bromo-3,5-difluorophenyl)-5chloro-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
Absolute stereochemistry.

Me HN R Pr-i

RN 691011-40-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-bromo-3,5-difluorophenyl)-5chloro-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

P Br NH-CH-Bu-t

Absolute stereochemistry.

RN 691011-42-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-3,5-difluoropheny1)-5-

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) Absolute stereochemistry.

RN 691011-46-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-47-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-diffluoropheny1)-N- [(1R)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-48-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-difluorophenyl)-N[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-49-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-diffuorophenyl)-N[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-50-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-diffuoropheny1)-N[(1S)-1,2,2-trimethylpropy1)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-51-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) fluorophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

RN 691011-55-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoropheny1)-N-[(1S)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-56-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-57-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-M-(1,2-dimethylpropyl)- (CA INDEX NAME) L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) [(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-52-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difiluorophenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-53-7 CAPLUS
CN (1,2,4]Triazolo(1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoropheny1)-N-(2-methyl-2-propeny1)-(9CI) (CA INDEX NAME)

RN 691011-54-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-58-2 CAPLUS (1,2,4)Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-[(18)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-59-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoropheny1)-N-[(1R)-1,2-dimethylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-60-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluoropheny1)-N-(1,2,2-trimethylpropy1)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\begin{array}{lll} 691011-61-7 & CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-[(1S)-1,2,2-trimethylpropyl]- & (CA INDEX NAME) \\ \end{array}$

Absolute stereochemistry.

691011-62-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

691011-63-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-67-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

691011-68-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-(2-methyl-2-propenyl)- (SCI) (CA INDEX NAME)

691011-69-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-64-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

691011-65-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

691011-66-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-70-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-(1-methylpropyl)- (CA INDEX NAME)

691011-71-9 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

691011-72-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-73-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6[2-fluoro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

691011-74-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-[2-floro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

Absolute stereochemistry.

 $\begin{array}{lll} 691011-75-3 & CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-[2-fluoro-4-(trifluoromethyl)phenyl]- & (CA INDEX NAME) \\ \end{array}$

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-79-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

691011-80-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

691011-81-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-76-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

691011-77-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

691011-78-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-82-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

691011-83-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluoro-5-methylphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

691011-84-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-5-methylphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-85-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

NH-CH-Et

RN 691011-86-6 CAPLUS
(I, 2, 4|Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-N-[(18)-1-methylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-87-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-N-[(1R)-1-methylpxopyl]- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN $$\rm (Continued)$$ Absolute stereochemistry.

RN 691011-91-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 691011-92-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-n-([(18)-1,2,2-trimethylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-93-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-N-[(R)-1,2,2-trimethylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
Absolute stereochemistry.

RN 691011-88-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6(2-fluoro-5-methylphenyl)- (CA INDEX NAME)

RN 691011-89-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl)-6-(2-fluoro-5-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-90-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluoro-5-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691011-94-6 CAPLUS [1,2,4]Triacolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 691011-95-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691011-96-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-5-methylphenyl)-Np-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)
Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691011-99-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

691012-01-8 CAPLUS $[1,2,4] \mbox{Triazolo} [1,5-a] \mbox{pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1-methylpropyl)- (CA INDEX NAME) }$

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-05-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

691012-06-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluoropheny1)-N-[(1R)-1,2-dimethylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

691012-07-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

691012-03-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

691012-04-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-08-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

691012-09-6 CAPLUS [1,2,4] Triazolo[1,5-a] pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

 $\begin{array}{lll} 691012-10-9 & CAPLUS \\ [1,2,4] \, Triazolo [1,5-a] pyrimidin-7-amine, \,\, 5-chloro-6-(2-chloro-4-fluorophenyl) -N-(2,2,2-trifluoro-1-methylethyl)- & (CA INDEX NAME) \\ \end{array}$

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-11-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

691012-12-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

691012-13-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691012-17-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)-N-[(1R)-1-methylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-18-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-difluorophenyl)-N(1,2-dimethylpropyl)- (CA INDEX NAME)

RN 691012-19-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-diffuorophenyl)-N[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-14-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 691012-15-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

RN 691012-16-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691012-20-1 CAPLUS
CN [1,2,4]Triazzolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-difluorophenyl)-N[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-21-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-difluorophenyl)-N[(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-22-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-diffuorophenyl)-N[(1R)-1,2,2-trimethylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691012-23-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 691012-24-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluorophenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-25-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-difluorophenyl)-N[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

RN 691012-29-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluorophenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

RN 691012-30-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-31-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

RN 691012-26-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-diffluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 691012-27-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-28-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluorophenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691012-32-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N[(15)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-33-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-34-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-diffuoropheny1)-N(2,2,2-trifluoro-1-methylethy1)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 691012-35-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 691012-36-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,5-difluorophenyl)-N[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

691012-37-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluoro-4-nitrophenyl)-N-(2-methyl-2-propenyl)- (9C1) (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-41-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

691012-42-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 691012-46-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-chloro-4-fluorophenyl)-5-methoxy-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-38-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

691012-39-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluoro-4-nitrophenyl)- (CA INDEX NAME)

691012-40-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-nitrophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

691012-48-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-4-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

IT 691012-00-7 RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of halogen substituted phenyltriazolopyrimidines as fungicides gicides for combating phytopathogenic fungi)
691012-00-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 147 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB Halogen substituted phenyltriazolopyrimidines, I, (R1 = alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, haloalkenyl, cycloalkyl, Ph, naphthyl, or a 5- or 6-membered saturated, unsatd., or aromatic heterocycle, containing one to
four nitrogen atoms or one to three nitrogen atoms and one sulfur or oxygen atom, R1 and R2 radicals may be substituted as defined in the description, R2 = hydrogen, or a group mentioned for R1; or R1 and R2 together with the adjacent nitrogen atom represent a 5- or 6-membered heterocycle, containing one to four nitrogen atoms or one to three nitrogen

heterocycle, containing one to the integer atom, which ring may be substituted as defined in the description; R3 = halogen; L1, L3 independently = H, halogen, or alkyl; L2 = hydrogen, halogen, haloalkyl; or NHZ, or substituted amine; R4 = halogen, cyano, alkyl, alkoxy, haloalkoxy or alkenyloxy) were prepared as fungicides for combating phytopathogenic

fungi. Thus Et 2-(2,3,5-trifluorophenyl) acetate was added to diethylcarbonate

sodium hydride in toluene to give di-Et (2,3,5-trifluorophenyl)-malonate which was treated with 3-amino-1,2,4-triazole to give II. II was reacted with phosphorus oxychloride to give the dichloro compound which when

treated with isopropylamine, triethylamine, and dichloromethane to give I (RI = CMe2, R2 = H, R3 = F, L1 = L3 = F, L2 = H) which showed activity against Alternaria solani, gray moid (Botrytis cinerea), grape downy mildew (Plasmopara vitricola), Pyricularia oryzae, and Pyrenophora teres.

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2003:892778 CAPLUS 2039:381502
Preparation of triazolopyrimidines as agricultural fungicides
Tormo i Blasco, Jordi; Blettner, Carsten; Mueller, Bernd; Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Schaefer, Peter, Schieweck, Frank; Schwoegler, Anja; Ammermann, Eberhard; Strathmann, Siegfried; Lorenz, Gisela; Stierl, Reinhard
Barf Aktiengesellschaft, Germany
PCT Int. Appl., 46 pp.
CODEN: PIXXD2
Patent
German DOCUMENT NUMBER: 139:381502 TITLE: INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | CENT : | | | | | | DATE | | | | | | | NO. | | | | |
|------|---------------|-------------|------|-----|-----|-----|------|------|-----|------|------|------|-------|------|-----|-----|------|--|
| | 2003 | | | | | | | | | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BI | 3, | BG, | BR, | BY, | BZ, | CA, | CH, | |
| | | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | E | Ξ, | EE, | ES, | FI, | GB, | GD, | GE, | |
| | | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE | ε, | KG, | KP, | KR, | KZ, | LC, | LK, | |
| | | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | M | ۹, ۱ | MW, | MX, | MZ, | NI, | NO, | NZ, | |
| | | PH, | PL, | PT, | RO, | RU, | SC, | SD, | SE, | SC | 3, | SK, | SL, | TJ, | TM, | TN, | TR, | |
| | | TZ, | UA, | UG, | US, | UZ, | VC, | VN, | YU, | ZF | Α, | ZM, | ZW | | | | | |
| | RW: | GH, | GM, | KE, | LS, | MW, | MZ, | SD, | SL, | S | Ζ, | TZ, | UG, | ZM, | ZW, | AM, | AZ, | |
| | | KG, | KZ, | MD, | RU, | TJ, | TM, | AT, | BE, | BO | 3, | CH, | CY, | CZ, | DE, | DK, | EE, | |
| | | FI, | FR, | GB, | GR, | HU, | IE, | IT, | LU, | MO | Ξ, | NL, | PT, | RO, | SE, | SI, | SK, | |
| | | | | | | | CM, | | | | | | | | | | | |
| CA | 2482 | 809 | | | A1 | | 2003 | 1113 | | CA | 20 | 03- | 2482 | 809 | | 2 | 0030 | |
| AU | 2003 | 2322 | 27 | | A1 | | 2003 | 1117 | | ΑU | 20 | 03- | 2322 | 27 | | 2 | 0030 | |
| EP | 1504 | 009 | | | A1 | | 2005 | 0209 | | ΕP | 20 | 03- | 7474 | 37 | | 2 | 0030 | |
| | 1504 | | | | | | | | | | | | | | | | | |
| | R: | | | | | | | | | | | | | | | | | |
| | | | | | | | RO, | | | | | | | | | | | |
| | 2003 | | | | | | | | | | | | | | | | | |
| CM | 1649 | 872 | | | A | | 2005 | 0803 | | CN | 20 | 03- | 3100 | 40 | | 2 | 0030 | |
| JP | 2005 3329 | 5307 | 56 | | Т | | 2005 | 1013 | | JP | 20 | 04- | 5014 | 10 | | 2 | 0030 | |
| AT | 3329 | 00 | | | T | | 2006 | 0815 | | AT | 20 | 03- | 7474 | 37 | | 2 | 0030 | |
| | 2268 | | | | | | | | | | | | | | | | | |
| | 2004 | | | | | | 2005 | | | | | | | | | | | |
| US | 2005 | 2561 | 38 | | AI | | 2005 | 1117 | | US | 20 | 04- | 5130 | 30 | | 2 | 0041 | |
| | 7094 | 894 0000 | | | B2 | | 2006 | 0822 | | T3.7 | 20 | 04 | mane | 00 | | - | 0041 | |
| | 2004 | | | | | | | | | | | | | | | | | |
| | 2004 (APP | | | | М | | 2006 | 0222 | | | | | | 9992 | | | | |
| KTT: | APP. | TM. | INFO | . : | | | | | | υE | 20 | 02- | 1021 | JJJ2 | | M 2 | 0020 | |
| | | | | | | | | | | OM. | 20 | 03-1 | PD 44 | 9.8 | | W 2 | 0030 | |

OTHER SOURCE(S): MARPAT 139:381502 IT 623562-80-1P RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT

ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (prepn. of triazolopyrimidines as agricultural fungicides) 623562-80-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-4-methylphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

623562-88-7P 623562-79-8P 623562-81-2P 623562-83-4P 623562-84-5P 623562-85-6P 623562-86-7P 623562-87-8P 623562-85-89-9P 623562-90-9P 623562-90-4P 623562-93-6P 623562-93-6P 623562-93-6P 623562-93-6P 623562-93-6P 623562-97-6 IT

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES (Uses)

(preparation of triazolopyrimidines as agricultural fungicides) 623562-78-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N-(1-methylethyl)- (CA INDEX NAME) RN

623562-79-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-fluoro-4-methylphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

623562-81-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine,

CN [1,2,4] if it assumed to the control of the cont

623562-83-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluoro-4-methylphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

623562-84-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluoro-4-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 623562-85-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N,N-diethyl-6-(2-fluoro4-methylphenyl)- (CA INDEX NAME)

623562-86-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N,N-dipropyl- (CA INDEX NAME)

623562-87-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N-methyl-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

623562-91-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

 $\begin{array}{lll} 623562-92-5 & CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N-(2,2,3,3,3-pentafluoropropyl)- & (CA INDEX NAME) \\ \end{array}$

623562-93-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N-(2,2,3,3,4,4,4-heptafluorobutyl)- (CA INDEX NAME)

RN 623562-94-7 CAPLUS

Page 249

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

623562-88-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

623562-89-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Contin CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-4-methylphenyl)- (CA INDEX NAME) (Continued)

623562-95-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methylphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 623562-96-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2,6-difluoro-4-methylphenyl)7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

623562-97-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methylphenyl)-N-(2,2,2-trifluoro-1-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

623562-98-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methylphenyl)-N-[(IS)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

623562-99-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methylphenyl)-N-[(IR)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

623563-00-8 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CAPLUS COPYRIGHT 2008 ACS on STN 2003:875289 CAPLUS 139:350750 for captus 139:350750 for captus 1,4-triazolo[1,5-a]pyrimidines as agricultural microbicides Gebauer, Olaf; Greul, Nico Joerg, Heinemann, Ulrich; Maurer, Fritz; Krueger, Bernd-Wieland; Elbe, Hans-Ludwig; Gayer, Herbert; Dunkel, Ralf; Voerste, Arnd; Hillebrand, Stefan; Boie, Christiane; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Kuck, Karl-Heinz
Bayer CropScience AG, Germany; et al. PCT Int. Appl., 73 pp. CODEN: PIXXD2
Patent
German 1 9 CAPLUS ACCESSION NUMBER: DOCUMENT NUMBER: INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. AU 2003229657 Al 2003124 CF F 1501832 Al 20050202 EF 2003-722463 20030414 F F 1501832 Al 20050202 EF 2003-722463 20030414 F F 1501832 Al 20050215 EF 2003-722463 20030414 F 1501832 Al 200309568 A 2003095215 EF 2003-9568 20030414 F 1501832 Al 20050215 EF 2003-87812 20030416 EF 2003 US 2005-511821 DE 2002-10218592 PRIORITY APPLN. INFO.: A 20020426

WO 2003-EP3833

W 20030414

R SOURCE(S): MARPAT 139:350750
619336-11-7P 619336-13-9P 619336-14-0P
619336-15-1P 619336-16-2P 619336-17-3P
619336-14-4P 619336-19-5P 619336-23-1P
619336-23-9P 619336-22-0P 619336-23-1P
619336-23-9P 619336-22-0P 619336-23-1P
619336-31-1P 619336-32-2P 619336-30-0P
619336-31-1P 619336-33-2P 619336-33-69
619336-37-7P 619336-33-8P 619336-33-6P
619336-33-5P 619336-41-3P 619336-42-4P
619336-43-5P 619336-41-3P 619336-43-5P
619336-43-5P 619336-44-6P 619336-48-0P
619336-49-1P 619336-47-9P 619336-48-5P OTHER SOURCE(S):

L11 ANSWER 148 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GT

Title compds. [I; L1 = alkyl; L2 = halo; L3 = H, halo; X = halo, cyano, alkyl, alkoxy, haloalkoxy; R1, R2 = H, (substituted) alkyl, haloalkyl, cycloalkyl, alkenyl, alkadienyl, alkynyl, Ph, naphthyl, alkynyl, Ph, naphthyl, alkynyl, Ph, naphthyl, naphthyl, alkynyl, Ph, naphthyl, naphthy

membered (saturated) (aromatic) heterocyclyl, or NRIR2 = 5-6 membered (substituted) heterocyclyl], were prepared Thus, a mixture of 14 g 3-amino-1,2,4-triazole, 0.17 mol di-Et (2-fluoro-4-methylphenyl)malonate (preparation given), and BuSN was heated at 180° for 6 h followed by stirring with a solution of NaOH in H2O for 30 min at 70° to give 39 g

5,7-dihydroxy-6-(2-fluoro-4-methylphenyl)-1,2,4-triazolo[1,5-a]pyrimidine.
30 G of the latter was refluxed with POCl3 for 8 h to give 26 g
5,7-dichloro-6-(2-fluoro-4-methylphenyl)-1,2,4-triazolo[1,5-a]pyrimidine.
1.5 Mnol of the latter was treated with a solution of MeZCHNH2, Et3N in
CH2Cl2 followed by stirring for 16 h at 25° to give 420 mg
5-chloro-6-(2-fluoro-4-methylphenyl)-7-isopropylamino-1,2,4-triazolo[1,5-a]pyrimidine. The latter at 250 ppm gave 93-100% control of Pyrenophora

teres on barley. REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
619336-52-6P 619336-53-7P 619336-54-8P
619336-55-9P 619336-56-0P 619336-57-1P
619336-63-59-P 619336-62-0P 619336-63-P
619336-61-7P 619336-62-0P 619336-63-P
619336-64-0P 619336-62-0P 619336-62-P
619336-73-P 619336-68-4P 619336-69-P
619336-73-P 619336-74-2P 619336-75-0P
619336-73-1P 619336-74-2P 619336-75-0P
619337-09-6P
619337-09-6P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SFN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation);
USES

(Uses) (prepn. of triazolopyrimidines as agricultural microbicides)
RN 619336-11-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3-methyl-2-isoxazolidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

619336-13-9 CAPLUS

(1, 2, 4] Triazolo[1, 5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(2-isoxazolidinyl)- (CA INDEX NAME)

619336-14-0 CAPLUS
1H-2,3-Benzoxazine,
-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3,4-dihydro- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-15-1 CAPLUS
1H-Pyrazole-4-carbonitrile, 1-[5-chloro-6-[2,6-dichloro-4-(trifluoromethoxy)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

RN 619336-16-2 CAPLUS CN 1H-2,3-Benzoxazine, 3-[5-chloro-6-(2,4,6-t-rifilorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3,4-dihydro- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-20-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(tetrahydro-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

619336-21-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(5,6-dihydro-1(4H)-pyridazinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

619336-22-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
chloro-7-(4,5-dihydro-1H-pyrazol-1-y1)6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-17-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(tetrahydro-2H-1,2-oxazin-2-yl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

619336-18-4 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-isoxazolidiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

619336-19-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(cetrahydro-2H-1,2-0xazin-2-yl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-23-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

619336-25-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-5[(trifluoromethyl)thio]phenyl]-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA

619336-26-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-5-(trifluoromethyl)phenyl]-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-27-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl]-7-(5,6-dihydro-1(4H)-pyridazinyl)-NAME) (CA INDEX

619336-28-6 CAPLUS 2-0xa-3-azabicyolo[2.2.2]oct-5-ene, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

619336-29-7 CAPLUS 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-33-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-fluoro-4-methyl-1-pyrazolidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

619336-34-4 CAPLUS

2,3-Diazabicyclo[2.2.1]heptane-2-carboxylic acid, 3-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CINDEX NAME)

619336-35-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-bromo-7-(5,6-dihydro-1(4H)-pyridaziny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-30-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-dichloro-4-(trifluoromethoxy)pheny1]-7-(5,6-dihydro-1(4H)-pyridaziny1)- (CA INDEX NAME)

619336-31-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-dichloro-3-fluoro-5-(trifluoromethyl)phenyl]-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX

619336-32-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 619336-36-6 CAPLUS
CN 2,3-Diazabicyclo[2.2.1]heptane-2-carboxylic acid,
3-[5-chloro-6-(2-chloro6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CA INDEX NAME)

619336-37-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,6-dihydro-1(2H)-pyridazinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

619336-38-8 CAPLUS 2,3-Diazabicyclo[2.2.1]heptane, 2-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 619336-39-9 CAPLUS
CN 2,3-Diazabicyclo[2.2.1]heptane, 2-[5-chloro-6-(2-chloro-6fluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

RN 619336-40-2 CAPLUS
CN 2,3-Diazabicyclo[2.2.1]heptane, 2-[5-chloro-6-(2,6-dichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

RN 619336-41-3 CAPLUS CN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME) L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 619336-42-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7(tetrahydro-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

RN 619336-43-5 CAPLUS
CN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2-chlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

RN 619336-44-6 CAPLUS
CN 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 619336-45-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(tetrahydro-3-methyl-2H-1,2-oxazin-2-yl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F N Me

RN 619336-46-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(tetrahydro-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

C1 N N

RN 619336-47-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7(tetrahydro-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 619336-48-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichlorophenyl)-7-(tetrahydro-28-1,2-oxazin-2-yl)- (CA INDEX NAME)

RN 619336-49-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7(tetrahydro-3-methyl-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

RN 619336-50-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7(tetrahydro-3-methyl-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-51-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(tetrahydro-3-methyl-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

619336-52-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(tetrahydro-3-methyl-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

619336-53-7 CAPLUS 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2,4-difluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-54-8 CAPLUS 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2-chloro-4-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

619336-55-9 CAPLUS 2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-(2,4-dichlorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

619336-56-0 CAPLUS
2-Oxa-3-azabicyclo[2.2.1]heptane, 3-[5-chloro-6-[2,4-difluoro-6-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-57-1 CAPLUS 2,3-Diazabicyclo[2.2.1]heptane-2-carboxylic acid, 3-[5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CA INDEX NAME)

619336-58-2 CAPLUS 2,3-Dhazabicyclo[2,2.1]heptane, 2-[5-chloro-6-(2-chloro-4-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

619336-59-3 CAPLUS
1(2H)-Pyridazinecarboxylic acid, 2-[5-chloro-6-(2,4,6-trifluorophenyl)(1,2,4]triazolo[1,5-a]pyrimidin-7-yl]tetrahydro-, ethyl ester (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-60-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3,6-dihydro-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

619336-61-7 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(3,6-dihydro-2H-1,2-oxazin-2-yl)- (CA INDEX NAME)

619336-62-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3,6-dihydro-2H-1,2-0xazin-2-yl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 619336-63-9 CAPLUS
CN 2,3-Diazabicyclo[2.2.1]hept-5-ene-2-carboxylic acid,
3-[5-chloro-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CA
INDEX NAME)

619336-64-0 CAPLUS 2,3-Diazabicyclo[2.2.1]hept-5-ene-2-carboxylic acid, 3-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, ethyl ester (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (1-pyrazolidinyl) - (CA INDEX NAME) (Continued)

619336-68-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-pyrazolidiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

619336-69-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(1-pyrazolidinyl)- (CA INDEX NAME)

619336-70-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

RN 619336-65-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3,6-dihydro-6-methyl-2H-1,2oxazin-2-yl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

619336-66-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(1-pyrazolidinyl)- (CA INDEX NAME)

 $619336-67-3 \quad CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-chloro-6-(2-chloro-4-fluorophenyl)-7-chloro-6-(3-chloro-4-fluoro-4-fluorophenyl)-7-chloro-6-(3-chloro-4-fluoro-4-fluoro-4-fluoro-4$

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-71-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

RN CN

619336-72-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

619336-73-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-fluorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-74-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,4-difluoro-6-(trifluoromethyl)phenyl]-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX

619336-75-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-difluoro-4-(trifluoromethyl)phenyl]-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX

619336-76-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-dichlorophenyl)-7-(5,6-dihydro-1(4H)-pyridazinyl)- (CA INDEX NAME)

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ester (CA INDEX NAME) (Continued)

Title compds. [I; G = (substituted) (polycyclic) (saturated) (aromatic) heterocyclyl which is bonded by N atom; R = (substituted) aryl; X = $(1 + 1)^{-1}$ AB halol.

were prepared Thus, 5,7-dichloro-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-a]pyrimidine, 3-methylisoxazolidine hydrochloride

triazolo[1,5-a]pyrimidine, 3-metnylisoxazolidine ",, molini" (preparation given), and K2CO3 in MeCN were stirred for 18 h at room temperature under Ar-atmospheric to give 49%
5-chloro-6-(2,4,6-trifluorophenyl)-7-(3-methyl-2-isoxazolidinyl)-1,2,4-triazolo[1,5-a]pyrimidine. The latter at 100 ppm gave 100% control of Venturia inaequalis on apple.
REFERENCE COUNT: 5
THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 149 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

619336-77-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(5,6-dihydro-1(4H)-pyridazinyl-6-[4-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 619336-78-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(tetrahydro-1,4,5-oxadiazepin4(5H)-y1)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

619337-09-6 CAPLUS

1(2H)-Pyridazinecarboxylic acid, 2-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-3,6-dihydro-, ethyl

L11 ANSWER 150 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2003:818207 CAPLUS
DOCUMENT NUMBER: 139:287651
TITLE: Method for increasing the resistance of plants to the phytotoxicity of agrochemicals
INVENTOR(S): Ammermann, Eberhard; Stierl, Reinhard; Lorenz, Gisela:

Stammler, Gerd; Schelberger, Klaus; Spadafora, James; Zagar, Cyrill; Witschel, Matthias; Watanabe, Akihide; Motoyoshi, Masatoshi; Kojima, Kenichi
BASF Aktiengesellschaft, Germany
PCT Int. Appl., 35 pp.
CODEN: PIXXD2
Patent
1

PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2003084331 A1 20031016 WO 2003-EP3571 20030407

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CG, CR, CU, CZ, DE, DK, DM, DZ, DZ, CC, EE, ES, FI, GB, GD, GE, GH, CM, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, NM, MM, MX, MZ, NI, NO, NZ, CM, PH, PL, PT, RO, BU, SC, SD, SE, SG, SK, SL, IJ, IM, IN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RN: GH, CM, KE, LS, MN, MZ, SD, SL, SZ, TZ, UG, ZM, ZN, AM, AZ, BY, KG, KZ, MD, RI, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GS, HU, IE, IT, LU, KN, NI, M, MX, NR, NS, NN, TD, TG

AU 200326787 A1 20031020 A1 2003-26787

ER AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SR, MC, TT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

JP 2005527569 T 20050718 US 2004-509635 20040929

RRITY APPIN. INFO: PATENT NO. KIND DATE APPLICATION NO. DATE US 2005164882 PRIORITY APPLN. INFO.: WO 2003-EP3571 W 20030407

OTHER SOURCE(S): MARPAT 139:287651

R SOURCE(S): MARPAT 139:287651
609344-14-1
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(safemed herbicidal composition)
609344-14-1 CAPLUS
Benzeneacetamide, w-(methoxyimino)-2-[5-(methoxyimino)-4,6-dimethyl-2,8-dioxa-3,7-diazanona-3,6-dien-1-yl]-N-methyl-, mixt. with
5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

Absolute stereochemistry.

L11 ANSWER 150 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

189892-69-1 C18 H25 N5 O5

GI

$$X_m$$
 Q_1 Q_1

AB The invention relates to a method for increasing the resistance of plants to the phytotoxicity of agrochems., the method being characterized in

the plants, the ground, or the seeds are treated with I, which is absorbed

absorbed
by the plants or seeds. In I, X represents halogen, alkyl or
trifluozomethyl; m represents 0 or 1; Q represents C(:CHCH3)COOCH3,
OC(:CH-OCH3)COOCH3, C(:NOCH3)COOKH3, C(:NOCH3)COOCH3 or
Q1, wherein # characterizes the bond to the Ph ring; A represents OB,
CH2OB, CCH2B, CH:CHB, C.tplbond.CB, CH2ON:C(R1)B or
CH2ON:C(R1)C(R2):NOR3,
wherein B represents Ph, naphthyl, 5-membered or 6-membered hetaryl or
5-membered or 6-membered heterocyclyl, the ring systems being

ACCESSION NUMBER:

DOCUMENT NUMBER:

INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | CENT I | NO. | | | KIND DATE | | | | | LICAT | | | | | | | |
|---------------|-----------------------------|------|------|-----|-----------|------|----------|------|----------------|----------------------------------|----------------|----------|----------|-----|-----|------|-----|
| WO | 2003 | 0806 | 15 | | | | 20031002 | | | | | | | | | 0030 | 319 |
| | W: | | | | AM, | AT, | AU, | AZ, | BA, | BB | , BG, | BR, | BY, | BZ, | CA, | CH, | CN, |
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| | | | | | | | | | | | , SK, | | TJ, | TM, | TN, | TR, | TT, |
| | | | | | | | | | | | , ZM, | | | | | | |
| | RW: | | | | | | | | | | , TZ, | | | | | | |
| | | | | | | | | | | | , CH, | | | | | | |
| | | | | | | | | | | | , NL, | | | | | | |
| CA | 2470 | | | | | | | | | | , GW, 2003- | | | | | | |
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| 111 | | | | | | | | | | | . IT. | | | | | | |
| | | IE. | SI. | LT. | LV. | FI. | RO. | MK. | CY. | AL | TR. | BG. | CZ. | EE. | HU. | SK | |
| BR | 2003 | 0085 | 29 | , | A | , | 2005 | 0201 | , | BR | 2003- | 8529 | , | , | 2 | 0030 | 319 |
| CN | BR 2003008529 CN 1642957 | | | | A | | 2005 | 0720 | | CN | 2003- | 8066 | 56 | | 2 | 0030 | 319 |
| JP 2005527543 | | | | | T | | 2005 | 0915 | JP 2003-578369 | | | | | | 2 | 0030 | 319 |
| NZ 535909 | | | | | A | | | | | | | | 20030319 | | | | |
| | | | | | | 2004 | 1126 | | MX | 2004- | PA82 | 20040826 | | | | | |
| | 2005 | | | | | | | | | US | 2004- | 5084 | 09 | | 2 | 0040 | 921 |
| | 7148 | | | | B2 | | 2006 | | | | | | | | | | |
| | | | | | | | | | | | 2004- | | | | | | |
| | | | | | A | | 2005 | 1020 | | ZA 2004-8486 DE 2002-10212739 | | | | | | 0041 | |
| IORITY | APP: | LN. | INFO | . : | | | | | | DE | 2002- | 1021 | 2739 | | A 2 | 0020 | 321 |
| | | | | | | | | | | DE | 2002- | 1021 | 5814 | | A 2 | 0020 | 410 |
| | | | | | | | | | | DE | 2002- | 1025 | 8050 | | A 2 | 0021 | 211 |
| | | | | | | | | | | WO | 2003- | EP28 | 47 | | W 2 | 0030 | 319 |

OTHER SOURCE(S): MARPAT 139:276917

IT 606922-41-2P 606922-44-5P, 5-Chloro-6-(2,6-difluoro-4-cyanophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]-triazolo[1,5-a]pyrimidine Ri. AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP

Lil ANSWER 150 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) unsubstituted or substituted, RI represents hydrogen, cyano, alkyl, halogenalkyl, cycloalkyl or alkoxy; R2 represents Ph, phenylcarbonyl, phenylsulfonyl, 5-membered or 6-membered hetaryl, 5-membered or 6-membered

abbered hetarylcarbonyl or 5-membered or 6-membered hetarylsulfonyl, the ring systems being unsubstituted or substituted, R3 represents hydrogen, (un)substituted alkyl, cycloalkyl, alkenyl or alkynyl. I act as herbicide

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 151 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
(Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of (amino)(phenyl)triazolopyrimidines as agricultural
fungicides)
RN 606922-41-2 CAPLUS
CN [1,2,4]triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4(methylthio)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN CN

606922-44-5 CAPLUS Benzonitrile, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro- (CA INDEX NAME)

606922-37-6P, 5-Chloro-6-(4-cyanophenyl)-7-isopropylamino-[1,2,4]-triazolo[1,5-a]pyrimidine 606922-42-3P 606922-43-4P 606922-45-6P, 5-Cyano-6-(2,6-difluoro-4-cyanophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]-triazolo[1,5-a]pyrimidine 606922-46-7P, 5-Methoxy-6-(2,6-difluoro-4-cyanophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]-triazolo[1,5-a]pyrimidine 606922-48-9P, 5-Chloro-6-(2,6-difluoro-4-formylphenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]-triazolo[1,5-a]pyrimidine 606922-49-0P, 5-Chloro-6-(2,6-difluoro-4-acetylphenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]-triazolo[1,5-a]pyrimidine 606922-50-3P 606922-51-4P 606922-52-5P 606922-53-6P 606922-51-4P 606922-52-5P 606922-53-6P 606922-51-4P 606922-52-5P 606922-53-6P 606922-51-4P 606922-52-5P 606922-59-P 606922-51-4P 606922-52-5P 606922-51-4P 606922-52-5P 606922-51-4P 606922-52-5P 606922-51-4P 606922-51-4P 606922-52-5P 606922-51-4P 606922-51-4P 606922-52-5P 606922-51-4P 606922-51-4P 606922-52-5P 606922-51-4P 606922-51-4

(preparation of (amino)(phenyl)triazolopyrimidines as agricultural fungicides)
66922-37-6 CAPLUS
Benzonitrile, 4-[5-chloro-7-[(1-methylethyl)amino][1,2,4]triazolo[1,5-

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L11 ANSWER 151 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN a]pyrimidin-6-yl]- (CA INDEX NAME) (Continued)

606922-42-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(methylsulfonyl)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

606922-43-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(methylsulfinyl)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX

606922-45-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(4-cyano-2,6-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 151 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

606922-50-3 CAPLUS
Benzoic acid, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro-, methyl ester (CA INDEX NAME)

606922-51-4 CAPLUS Benzonitrile, 4-[5-chloro-7-(cyclopentylamino)[1,2,4]triazolo[1,5-a]pyrimidin-6-y1] (CA INDEX NAME)

606922-52-5 CAPLUS Benzonitrile, -chloro-7-[(1,2,2-trimethylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

L11 ANSWER 151 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

606922-46-7 CAPLUS
Benzonitrile, 3,5-difluoro-4-[5-methoxy-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

606922-48-9 CAPLUS Benzaldehyde, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluoro- (CA INDEX NAME)

 $\begin{array}{lll} 606922-49-0 & CAPLUS \\ Ethanone, & 1-\{4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-3,5-difluorophenyl]- & (CA INDEX NAME) \\ \end{array}$

L11 ANSWER 151 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

606922-53-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,5-difluoro-4-(methylthio)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

606922-54-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,5-difluoro-4-(methylthio)phenyl]-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

GI

$$\begin{bmatrix} L^5 \\ L^2 \\ N \end{bmatrix}$$

Title compds. [I; L1 = cyano, SOnA1, COA2; A1 = H, OH, alkyl,

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L11 ANSWER 151 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

(di)alkylamino; A2 = H, OH, alkyl, (di)alkylamino, C1-6 alkoxy, C1-6
haloalkoxy; n = 0-2; L2, L3 = H, halo; L4, L5 = H, halo, alkyl; X = halo,
cyano, alkyl, haloalkyl, alkoxy, haloalkoxy; R1 = (substituted) alkyl,
haloalkyl, cycloalkyl, haloalkynl, cycloalkynl, alkadienyl, haloalkenyl,
cycloalkynl, alkynyl, haloalkynl, cycloalkynl, Ph, naphthyl, 5-10
membered (satd.) arom, heterocyclyl; N2 = H, R1; or NRIR2 = 5-6 membered
heterocyclyl], were prepd. Thus, 6 mmol 5,7-dichloro-6-(2,6-difluoro-4-
thiomethylphenyl)-1,2,4-triazolo[1,5-alpyrimidine (prepn. given) was
stirred with a soln. of 2-amino-1,1,1-trifluoropropane and Et3N in CH2C12
for 16 hat 20°-25° to give 1.2 g 5-chloro-6-(2,6-difluoro-4-
thiomethylphenyl)-7-(1,1,1-trifluoroprop-2-yl)amino-1,2,4-triazolo[1,5-alpyrimidine. The latter at 200 ppm gave 93-100% control of Alternaria
solani on tomato.

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2003:76783
138:137323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ACCESSION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DOCUMENT NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Substituted 6-(2-tolyl)-triazolo[1,5-a]pyrimidines as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   fungicides
Tormo i Blasco, Jordi; Sauter, Hubert; Mueller,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INVENTOR(S):
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bernd;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas;
Gypser, Andreas; Rheinheimer, Joachim; Rose, Ingo;
Schaefer, Peter; Schieweck, Frank; Rack, Michael;
Ammermann, Eberhard; Strathmann, Siegfried; Lorenz,
Gisela; Stierl, Reinhard
BASF Aktiengesellschaft, Germany; et al.
PCT Int. Appl., 49 pp.
CODEN: PIXXD2
Patent
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SOURCE:
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English
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LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
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     FORMAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AU 2002333234 AI 2003030 EP 2002-787094 20020708
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NI, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, EG, CZ, E, SK
BR 2002011180 A 20040929 CR 2002-21180 20020708
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NZ 531065 A 20050219 NZ 2002-531065 20020708
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MX 2004-PA371
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        IN 2004CN00314
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIORITY APPIN INFO :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WO 2002-EP7578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER SOURCE(S): MARPAT 138:137323
IT 424824-15-7P, (R)-5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[sec-
butylamino]-[1,2,4]triazo-lo([1,5-a]pyximidine 424824-25-9P,
   L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
(R)-5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[(sec-butyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-26-0P,
(R)-5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[(1,2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-27-1P,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ANSER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued methyl-2, 2, 2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-80-9p, 5-Chloro-6-(6-fluoroe2-methylphenyl)-7-[(2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-81-0p, 5-Chloro-6-(4-fluoroe2-methylphenyl)-7-[amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-82-1p, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[nethyl-2-propenyl)-N-ethylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-83-2p, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[insopropylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-84-3p, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[4-methylpiperidinyl]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-85-4p, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[cyclopentylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-86-5p,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
         (R)-5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-36-2F,
(R)-5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(sec-butyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-37-3F,
(R)-5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(1,2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-38-4F,
     (R)-5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-46-4P,
(S)-5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[sec-butylamino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-51-1P,
(S)-5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[(sec-butyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-52-2P,
(S)-5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[(1,2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 424824-67-9P,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             [1,2,4]triazolo[1,5-a]pyrimidine 49185-86-59,

5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(diethylamino]-(1,2,4]triazolo[1,5-a]pyrimidine 491854-87-69, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(dipropylamino]-(1,2,4]triazolo[1,5-a]pyrimidine 491854-88-79,

5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(N-isopropyl-N-methylamino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491854-89-19,

5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(1(2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491854-90-19,

5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(1,2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491854-91-29,

5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491854-92-39,

5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(1-methyl-2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine

491854-93-49, (8)-5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(1-methyl-2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine

491854-93-59, (8)-5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(1-methyl-2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine

491854-95-69, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine

491854-98-99, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-(2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine

491854-98-99, 5-Chloro-6-(4-fluoro-2,6-dimethylphenyl)-7-(2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine

491854-98-99, 5-Chloro-6-(4-fluoro-2,6-dimethylphenyl)-7-(2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine

491854-98-99, 5-Chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(2,4,6-trimethylphenyl)-7-(5-chloro-6-(5-chloro
        (S) - 5 - Chloro - 6 - (4 - fluoro - 2 - methylphenyl) - 7 - [(1,2,2 - trimethylpropyl)amino] - [1,2,4] triazolo[1,5 - a] pyrimidine 491854 - 61 - 6P, 
         5-Chloro-6-(2-fluoro-6-methylphenyl)-7-isopropylamino-[1,2,4]triazolo[1,5-
                                      loro-6-(2-fluoro-6-methylphenyl)-7-isopropylamino-[1,2,4]triazolo[1,5-a]pyrimidine 491854-62-PF, 5-Cyano-6-(6-fluoro-2-methylphenyl)-7-[4-methylpiperidinyl]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-63-BP, 5-Methoxy-6-(6-fluoro-2-methylphenyl)-7-[4-methylpiperidinyl]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-65-0P, 5-Chloro-6-(2,4,6-trimethylphenyl)-7-(4-methylpiperidinyl)-[1,2,4]triazolo[1,5-a]pyrimidine 491854-67-2P, 5-Chloro-6-(4-methoxy-2,6-dimethylphenyl)-7-(N-(2-methyl2-propenyl)-N-ethylamino)-[1,2,4]triazolo[1,5-a]pyrimidine 491854-67-2P, 5-Chloro-6-(4-methoxy-2,6-dimethylphenyl)-7-(N-(1,2,2-trimethylphyl))-N-(1,2,4]triazolo[1,5-a]pyrimidine 491854-68-3P, 5-Chloro-6-(4-methoxy-2,6-dimethylphenyl)-7-(amino)-1,2,4]triazolo[1,5-a]pyrimidine 491854-69-4P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-(amino)-1,2,4]triazolo[1,5-a]pyrimidine 491854-70-7P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-(amino)-1,2,4]triazolo[1,5-a]pyrimidine 491854-71-8P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[4-methylpiperidinyl]-1,2,4]triazolo[1,5-a]pyrimidine 491854-73-0P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[9-chloro-1]-2,4]triazolo[1,5-a]pyrimidine 491854-73-0P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[9-chloro-1]-2,4]triazolo[1,5-a]pyrimidine 491854-73-0P, 5-Chloro-2-methylphenyl)-7-[9-chloro-1]-2,4]triazolo[1,5-a]pyrimidine 491854-73-0P, 6-Chloro-2-methylphenyl]-7-[9-chloro-1]-2,4]triazolo[1,5-a]pyrimidine 491854-73-0P, 6-Chloro-2-methylphenyl]-7-[9-chloro-1]-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           [(cyclopentyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-99-0P
5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(diethylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-00-6P, 5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(dipropylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-01-7P,
5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(sec-butyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-02-8P,
(S)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(sec-butyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-03-PP,
(R)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(sec-butyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-03-PP,
(S)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-05-IP,
(R)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-05-PP,
5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2-dimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-07-3P,
5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-09-SP,
(R)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-09-SP,
(R)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-09-SP,
(R)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-09-SP,
(R)-5-Chloro-6-(2,4,6-trimethylphenyl)-7-[(1,2,2-trimethylpropyl)amino]-
[1,2,4]triazolo[1,5-a]pyrimidine 491855-09-SP,
     5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[diethylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-74-1P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[dipropylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-75-2P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[N-isopropyl-N-methylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-76-3P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[sec-butylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-77-4P, 5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[(1-methyl-2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-78-5P, (8)-5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[(1-methyl-2,2,2-trifluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491854-78-5P, (8)-5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[(1-491854-79-6P, (R)-5-Chloro-6-(6-fluoro-2-methylphenyl)-7-[(1-491854-79-6P, (R)-6-(1-491854-79-6P, (R)-6-(1-491854-79-6P, (R)-6-(1-491854-79-6P, (R)-6-(1-491854-79-6P,
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L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

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A 20010718

W 20020708

L11 ANSMER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued [1,2,4]triazolo[1,5-a]pyrimidine 491855-10-8P,
5-Chloro-6-(4-chloro-2-methylphenyl)-7-(N-(2-methyl-2-propenyl)-N-ethylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-11-9P,
5-Chloro-6-(4-chloro-2-methylphenyl)-7-[isopropylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-12-0P,
5-Chloro-6-(4-chloro-2-methylphenyl)-7-[4-methylpiperidinyl]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-13-1P,
5-Chloro-6-(4-chloro-2-methylphenyl)-7-[cyclopentylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-13-1P, (Continued)

5-Chloro-6-(4-chloro-2-methylphenyl)-7-[diethylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-15-3P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-[dipropylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-16-4P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-[N-isopropyl-N-methylamino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-17-5P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(sec-butyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-18-6P, (3)-5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(sec-butyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-19-6P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(1,2-dimethylpropyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-10-10-[1,2,4]triazolo[1,5-a]pyrimidine 49185-20-10-[1,2,4]triazolo[1,5-a]pyrimidine 49185-2-2-1P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(1,2-dimethylpropyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-22-2P,

[1,2,4]triazolo[1,5-a]pyrimidine 491855-22-22,

(S)-5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(1,2,2-trimethylpropyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-22-37,
5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(1-methyl-2,2,2trifiluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-24-4P, (S)-5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(1methyl-2,2,2-trifiluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-25-5P, (R)-5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(2,2,2trifiluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-26-6P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(2,2,2trifiluoroethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-28-8P, 5-Chloro-6-(2,4-dimethylphenyl)-7-[(3-methyl-2propenyl)-N-ethylamino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-28-8P, 5-Chloro-6-(2,4-dimethylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-29-9P,
5-Chloro-6-(2,4-dimethylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-31-3P,
(S)-5-Chloro-6-(2,4-dimethylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-4P,
(R)-5-Chloro-6-(2,4-dimethylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-4P,
(R)-5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-5-P,
5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-FP,
(S)-5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-FP,
(S)-5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-FP,
(S)-5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-FP,
(S)-5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-FP,
(S)-5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1,5-a]pyrimidine 491855-33-FP,
(S)-5-Chloro-6-(4-acetyl-2-methylphenyl)-7-[(sec-butyl)amino][1,2,4]triazolo[1

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

424824-27-1 CAPLUS [1,2-4]pyrimidin-7-amine, 5-chloro-6-(4-£luoro-2-methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-36-2 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-37-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) pentafluoropropyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-37-9P 491855-38-0P, 5-Chloro-6-(4-fluoro-2-methylphenyl)-7-[(2,2,3,3-pentafluoropropyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine 491855-39-1P, 5-Chloro-6-(4-fluoro-2-methylphenyl)-

7-[(2,2,3,3,4,4,4-heptafluorobuty])amino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-40-4P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-[(2,2,3,3,3-pentafluoropropyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-41-5P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7[(2,2,3,3,4,4,4-heptafluorobutyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidine
491855-42-6P, 5-Chloro-6-(4-chloro-2-methylphenyl)-7-amino[1,2,4]triazolo[1,5-a]pyrimidine 492447-71-9P
492447-72-0P 492447-73-P 492447-74-2P
492447-73-0P 492447-76-4P
RI: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation);
USES

USES

(Sues)
(substituted 6-(2-toly1)-triazolopyrimidines as fungicides)
424824-15-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylpheny1)-N-[(1R)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

424824-25-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-[(IR)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

424824-38-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-46-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-51-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-52-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-67-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 491854-61-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491854-66-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-ethyl-6-(4-methoxy-2,6-dimethylphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Et} & \text{CH}_2 \\ \text{N} & \text{CH}_2 - \text{C} - \text{Me} \end{array}$$

RN 491854-67-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxy-2,6-dimethylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 491854-68-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxy-2,6-dimethylphenyl)-N-(pentafluoroethyl)- (9C1) (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491854-62-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-fluoro-6-methylphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 491854-63-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-fluoro-6-methylphenyl)-5-methoxy-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 491854-65-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trimethylphenyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491854-69-4 CAPLUS (1,2,4)Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl) (CA INDEX NAME)

RN 491854-70-7 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluoro-6-methylphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 491854-71-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluoro-6-methylphenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491854-72-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluoro-6-methylphenyl)- (CA INDEX NAME)

RN 491854-73-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N,N-diethyl-6-(2-fluoro6-methylphenyl) (CA INDEX NAME)

491854-74-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N,N-dipropyl- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491854-75-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-methyl-N-(1-methylethyl)- (CA INDEX NAME)

491854-76-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

491854-77-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-(2,2,2-trifluoro-1-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491854-78-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-8-([18)-2,2,2-trifluoro-1-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

 $\label{eq:capprox} \begin{array}{lll} 491854-79-6 & \texttt{CAPLUS} \\ [1,2,4]\texttt{Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- & (CA INDEX NAME) \\ \end{array}$

Absolute stereochemistry.

491854-80-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



491854-81-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl) - (CA INDEX NAME)

491854-82-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(4-fluoro-2-methylphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

Lil ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 491854-84-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-fluoro-2-methylphenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

491854-85-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

RN 491854-86-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N,N-diethyl-6-(4-fluoro2-methylphenyl)- (CA INDEX NAME)

(Continued) L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

491854-91-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

491854-92-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(2,2,2-trifluoro-1-methylbethyl)- (CA INDEX NAME)

491854-93-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 491854-87-6 CAPLUS
CN [1,2,4]Triaxolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N,N-dipropyl- (CA INDEX NAME)

491854-88-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-methyl-N-(1-methylethyl)- (CA INDEX NAME)

491854-89-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

RN 491854-90-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-6(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491854-94-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-8-((1R)-2,2,2-trifluoro-1-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

491854-95-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

491854-96-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2,6-dimethylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491854-98-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trimethylphenyl)- (CA INDEX NAME)

491854-99-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trimethylphenyl)- (CA INDEX NAME)

491855-00-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dipropyl-6-(2,4,6-trimethylphenyl)- (CA INDEX NAME)

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491855-01-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trimethylphenyl)- (CA INDEX NAME)

(Continued)

RN 491855-02-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1-methylpropy1]-6-(2,4,6-trimethylpheny1)- (CA INDEX NAME)

Absolute stereochemistry.

RN 491855-03-9 CAFLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(IR)-1-methylpropyl]6-(2,4,6-trimethylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491855-04-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trimethylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

491855-06-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2,4,6-trimethylphenyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491855-07-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trimethylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

491855-08-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trimethylphenyl)-M-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491855-09-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trimethylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491855-10-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

491855-11-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylpenyl)-N-(1-methylethyl) (CA INDEX NAME)

491855-12-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-chloro-2-methylphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491855-16-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-methyl-N-(CA INDEX NAME)

 $\begin{array}{lll} 491855-17-5 & \text{CAPLUS} \\ [1,2,4]\text{Triazolo}[1,5-a]\text{pyrimidin-7-amine, 5-chloro-6-} \\ (4-chloro-2-methylphenyl)-N-(1-methylpropyl)- & (CA INDEX NAME) \\ \end{array}$

Absolute stereochemistry.

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491855-13-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-cyclopentyl- (CA INDEX NAME)

491855-14-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N,N-diethyl- (CA INDEX NAME) RN CN

491855-15-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N,N-dipropyl- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491855-19-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-(1,2-dimethylphenyl)- (CA INDEX NAME)

491855-20-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491855-21-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

491855-23-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-(2,2,2-trifluoro-1-methylpethyl)- (CA INDEX NAME)

491855-24-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(18)-2,2,2-trifluoro-1-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491855-28-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-dimethylphenyl)-N(1-methylethyl)- (CA INDEX NAME)

491855-29-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dimethylphenyl)-N,N-diethyl- (CA INDEX NAME)

RN 491855-30-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dimethylphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491855-25-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

491855-26-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 491855-27-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-dimethylphenyl)-Nethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491855-31-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dimethylphenyl)-N-[(18)-1-methylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 491855-32-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dimethylphenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491855-33-5 CAPLUS
Ethanone, 1-[4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-methylphenyl]- (CA INDEX NAME)

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L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491855-34-6 CAPLUS
CN Ethanone,
1-[4-[5-chloro-7-[[(1R)-1-methylpropyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-methylphenyl]- (CA INDEX NAME)

Absolute stereochemistry.

491855-35-7 CAPLUS Ethanone, 1-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3-methylphenyl]-(CA INDEX NAME)

Absolute stereochemistry.

491855-36-8 CAPLUS

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491855-40-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-(2,2,3,3,3-pentafluoropropyl)- (CA INDEX NAME)

491855-41-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-(2,2,3,3,4,4,4-heptafluorobutyl)- (CA INDEX NAM

NH-CH2-CF2-CF2-CF3

491855-42-6 CAPLUS [1,2,4]Triazolo[1,3-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl) - (CA INDEX NAME)

492447-71-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-

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L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-(2,2,3,3,3-pentafluoropropyl)- (CA INDEX NAME)

FRC-CF2-CH2-

491855-37-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-(2,2,3,3,4,4,4-heptafluorobutyl)- (CA INDEX NAME)

F3C-CF2-CF2-CH2-NH

491855-38-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(2,2,3,3,3-pentafluoropropyl)- (CA INDEX NAME)

491855-39-1 CAPLUS [1,2,4]Trizaclo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-(2,2,3,3,4,4,4-heptafluorobutyl)- (CA INDEX NAME)

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Condimethylpropyl]-6-(2-fluoro-6-methylphenyl)- (CA INDEX NAME) (Continued)

Absolute stereochemistry.

492447-72-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluoro-6-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

492447-73-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

t-Bu-

492447-74-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

492447-75-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 492447-76-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2-fluoro-6-methylphenyl)- (CA INDEX NAME)

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ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: DOCUMENT NUMBER:

CAPLUS COPYRIGHT 2008 ACS on STN 2003:76782 CAPLUS 138:137322 Preparation of 6-(2-methoxyphenyl)triazolo[1,5-alpyrimidines as agrochemical fungicides Tormo i Blasco, Jordi; Sauter, Hubert; Mueller, INVENTOR(S):

Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Rose, Ingo; Schaefer, Peter; Schieweck, Frank; Rack, Michael; Ammermann, Eberhard; Strathmann, Siegfried; Lorenz, Gizela; Stierl, Reinhard BASF Aktiengesellschaft, Germany; et al. PCT Int. Appl., 38 pp. CODEN: PIXXD2 Patent English 1

PATENT ASSIGNEE(S):

SOURCE:

DOCUMEN: 111. LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE AU 2002319287 AI 20030303 AU 2002-319287 200227/08 EP 1412356 AI 20040428 EP 2002-748407 NL, SE, MC, PT, ER: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LY, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK JP 2005504743 T 20050217 JP 2003-513975 20020708 US 2004167136 AI 2004026 US 2004-483599 20040112 US 2004167136 US 7038047 PRIORITY APPLN. INFO.: B2 20060502 EP 2001-117406 A 20010718 WO 2002-EP7577 W 20020708

OTHER SOURCE(S): MARPAT 138:137322
IT 491851-97-9P 491851-98-0P 491851-99-1P
491852-00-7P 491852-01-8P 491852-02-9P
491852-03-0P 491852-01-8P 491852-03-P
491852-03-0P 491852-07-4P 491852-08-5P
491852-09-6P 491852-10-7-4P 491852-10-5P
491852-12-1P 491852-13-2P 491852-14-3P
491852-13-1P 491852-13-2P 491852-14-3P
491852-13-P 491852-19-8P 491852-20-1P
491852-12-P 491852-25-6P 491852-20-1P
491852-24-2P 491852-25-6P 491852-26-9P
491852-33-6P 491852-33-4P 491852-32-5P
491852-33-6P 491852-33-0P 491852-33-1P

L11 ANSWER 152 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. I [R1-2 = H, alk(en/yn)yl, alkadienyl, etc.; R3 = halo, CN, alkyl, alkoxy, haloalkyl, etc.; n = 1-4; X = halo, CN, alkyl, alkoxy, etc.] are prepared For instance, 3-amino-1, 2, 4-triazole and di-Et (2-fluoro-6-methylphenyl)malonate (preparation given) are reacted

(n-Bu3N, 6 h) and the intermediate treated with NaOH to give 5,7-6,thydrox-6-(2-fluoro-6-methylphenyl)-[1,2,4]triazolo[1,5] a]pyrimidine. This is converted to the dichloro derivative (1,2,4)

alpyrimidine. Inia 18 CONVECTOR 1reflux, 8

h) and reacted with i-PrNH2 (Et3N, CH2Cl2) to yield II. Several example compds. at 63 ppm gave 97% control of Altenaria solani on tomato. I are useful for combating phytopathogenic fungi.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
491852-39-2P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(USES) (prepn. of methoxyphenyltriazolopyrimidines as fungicides)
491651-97-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluoro-6-methoxyphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

491851-98-0 CAPLUS [1,2,4]Triarolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-(1-methylethyl)- (CA INDEX NAME)

RN 491851-99-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluoro-6-methoxypheny1)-7(4-methyl-1-piperidiny1)- (CA INDEX NAME)

491852-00-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-

L11 ANSMER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) fluoro-6-methoxyphenyl)- (CA INDEX NAME)

RN 491852-01-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N,N-diethyl-6-(2-fluoro6-methoxyphenyl)- (CA INDEX NAME)

RN 491852-02-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N,N-dipropyl- (CA INDEX NAME)

RN 491852-03-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-methyl-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

RN 491852-04-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

RN 491852-05-2 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-M-[(18)-1-methylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 491852-06-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491852-07-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2-fluoro-6-methoxyphenyl)- (CA INDEX NAME)

RN 491852-08-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-(2-fluoro-6-methoxyphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 491852-09-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluoro-6-methoxyphenyl)- (CA INDEX NAME)

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L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491852-10-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-Eluoro-6-methoxyphenyl)-M-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 491852-11-0 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-M-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 491852-12-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491852-13-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

491852-14-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-15-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491852-16-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

491852-17-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methoxyphenyl) - (CA INDEX NAME)

491852-18-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491852-19-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-(1-methylethyl)- (CA INDEX NAME)

491852-20-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

491852-21-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4-difluoro-6-methoxyphenyl) - (CA INDEX NAME)

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491852-22-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N,N-dlethyl- (CA INDEX NAME)

491852-23-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N,N-dipropyl- (CA INDEX NAME)

491852-24-5 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-methyl-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) NN 491852-25-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-(1-methylpropyl) - (CA INDEX NAME)

491852-26-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-27-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-28-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491852-32-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-33-6 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-34-7 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME) (Continued)

491852-29-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

491852-30-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-31-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491852-35-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-36-9 CAPLUS [1,2,4]Triazol[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

491852-37-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluoro-6-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491852-38-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 7-(diethylamino)-6-(2-fluoro-6-methoxyphenyl)- (CA INDEX NAME)

491852-39-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N,N-diethyl-6-(2-fluoro-6-methoxyphenyl)-5-methoxy- (CA INDEX NAME)

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AB Title compds. [I; R1, R2 = H, (substituted) alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, haloalkenyl, cycloalkyl, Ph, naphthyl, 5-6 membered

ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: DOCUMENT NUMBER:

CAPLUS COPYRIGHT 2008 ACS on STN 2003:76781 CAPLUS 138:137321 Preparation of 6-(2,6-difluorophenyl)-triazolo[1,5-alpyrimidines as fungicides Tormo i Blasco, Jordi; Sauter, Hubert; Mueller,

INVENTOR(S):

Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinhelmer, Joachim; Rose, Ingo; Schaefer, Peter; Schieweck, Frank; Ammermann, Eberhard; Strathmann, Siegfried; Lorenz, Gisela; Stierl, Reinhard BASF Aktiengesellschaft, Germany; et al. PCT Int. Appl., 28 pp. CODEN: PIXXD2 Patent English 1

PATENT ASSIGNEE(S):

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE ENT NO. KIND DATE APPLICATION NO. DATE

2003008415 A1 20030130 WC 2002-EP7575 20020708

W: AR, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CM, CM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NC, NZ, CM, PH, FL, FT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YUZ, AZ, MX, ZW

RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZM, ZM

CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GN, ML, MK, NR, SN, TD, TG

2453638 A1 20030130 CA 2002-2453638 20020708 WO 2003008415 CA 2453638 AU 2002354859 EP 1412358 A1 A1 20030303 20040428 AU 2002-354859 EP 2002-751120 20020708 20020708 EF 1412358 A1 20040428 EF 2002-751120 20020/08 R: AT, BE, CH, DE, DK, ES, FE, GB, GR, IT, LI, LU, NL, SE, MC, FT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK HU 2004001048 A2 20040928 HU 2004-1048 20020708 HU 2004001048 A3 20070228 CN 1533394 20040929 CN 2002-814411 20020708 CN 2002-814411
BR 2002-11179
JP 2003-513974
NZ 2002-531066
MX 2004-PA44
US 2004-483597
IN 2004-CN313
ZA 2004-1255
EP 2001-117404 BR 2002011179 A T A A 20041019 20020708 20050106 20050429 20040521 JP 2005500334 NZ 531066 20020708 NZ 531066 MX 2004PA00044 US 2004162428 IN 2004CN00313 ZA 2004001255 PRIORITY APPLN. INFO.: 20040819 20040112

OTHER SOURCE(S): MARPAT 138:137321
IT 187233-26-7P, 5-Chloro-6-(2,6-difluorophenyl)-7-(4-methylpiperidinyl)-[1,2,4]triazolo[1,5-a]pyrimidine 491860-09-4P, 5-Chloro-6-(2,6-difluorophenyl)-7-(diethylamino)-[1,2,4]triazolo[1,5-

WO 2002-EP7575

A 20010718 W 20020708

a]pyrimidine RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); FREP

L11 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (arom.) heterocyclyl contg. 1-4 N atoms or 1-3 N atoms and 1 S or O atom; RIR2N = (substituted) 5- or 6-membered heterocyclic ring contg. 1-4 N atoms or 1-3 N atoms and 1 S or O atom; L1, L2 = H, halo, provided that ≥1 of L1, L2 = halo; X = halo, cyano, alkyl, alkoxy, haloalkoxy, alkenyloxyl, were prepd. Thus, 1,1,1-trifluoroprop-2-ylamine and 5,7-dichloro-6-(4,6-difluoro-2-methoxyphenyl)-1,2,4-triazolo[1,5-a]pyrimidine (prepn. given) were stired 16 h to give 5-chloro-6-(4,6-difluoro-2-methoxyphenyl)-7-(1,1,1-trifluoroprop-2-yl)amino-1,2,4-triazolo[1,5-a]pyrimidine. The latter at 50 ppm on beet seedlings reduced

Cercospora beticola infection to ≤7%, vs 90% for untreated controls.
REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE 5

FORMAT

L11 ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

(Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of 6-(2,6-difluorophenyl)-triazolo[1,5-a]pyrimidines as fungicides)

RN 187233-26-7 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

CAPLUS ,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-diethyl- (CA INDEX NAME)

N, N-diethyl-

424824-09-9F, (R)-7-[sec-Butylamino]-5-chloro-6-(2,6-difluorophenyl][1,2,4]triazolo[1,5-a]pyrimidine 424824-10-2F, (R)-7-[N-(1,2-Dimethylpropyl) amino]-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine 424824-11-3F, (R)-7-[(1,2,2-Trimethylpropyl) amino]-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine 424824-43-1F,

difluorophenyl][1,2,4]triazolo[1,5-a]pyrimidine 424824-43-1P,
a]pyrimidine 424824-44-2P, (S)-7-[N-(1,2-Dimethylpropyl)amino]-5chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine
424824-56-6P, (S)-7-[N-(1,2,2-Trimethylpropyl)amino]-5-chloro-6(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine
491860-06-1P,
5-Chloro-6-(2,6-difluorophenyl)-7-isopropylamino-[1,2,4]triazolo[1,5-a]pyrimidine
491860-06-1P,
5-Chloro-6-(2,6-difluorophenyl)-7-isopropylamino-[1,2,4]triazolo[1,5-a]pyrimidine
491860-08-3P,
5-Methoxy-6-(2,6-difluorophenyl)-7-(diethylamino)-[1,2,4]triazolo[1,5-a]pyrimidine
491860-11-8P,
7-[N-(2-Methyl-2-propenyl)-N-(ethyl)amino]-5-chloro-6-(2,6-difluorophenyl)-11,2,4]triazolo[1,5-a]pyrimidine
491860-11-8P,
7-[N-(2-Methyl-2-propenyl)-N-(ethyl)amino]-5-chloro-6-(2,6-difluorophenyl)-11,2,4]triazolo[1,5-a]pyrimidine
491860-11-8P,
7-[Cyclopentylamino]-5-chloro-6-(2,6-difluorophenyl)-11,2,4]triazolo[1,5-a]pyrimidine
491860-13-0P,
7-[Cyclopentylamino]-5-chloro-6-(2,6-difluorophenyl)-11,2,4]triazolo[1,5-a]pyrimidine

Page 272

L11 ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine 491860-14-1P, 7-[N-Lsoppopyl-N-methylamino]-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine 491860-15-2P, 7-[sec-Butylamino]-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine 491860-16-3P, 7-[N-(1,2-Dimethylpropyl)amino]-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine 491860-17-4P, 7-[N-(1,2,2-Trimethylpropyl)amino]-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine RE: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses) (prepn. of 6-(2,6-difluorophenyl)-triazolo[1,5-a]pyrimidines as fungicides)
RN 424824-09-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-10-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluoropheny1)-N[(1R)-1,2-dimethylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-11-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-

L11 ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN [(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME) (Continued)

Absolute stereochemistry.

RN 424824-43-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-44-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-diflourophenyl)-N-[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 424824-56-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chlor-6-(2,6-diffuorophenyl)-N- [(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME) (Continued)

Absolute stereochemistry.

RN 491860-06-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

RN 491860-07-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2,6-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

491860-08-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N,N-diethyl-5-methoxy- (CA INDEX NAME)

L11 ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

491860-10-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-(CA INDEX NAME)

RN 491860-11-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-Nethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

491860-12-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,6-difluorophenyl)- (CA INDEX NAME)

L11 ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 491860-13-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)N,N-dipropyl- (CA INDEX NAME)

RN 491860-14-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-methyl-N-(1-methylethyl)- (CA INDEX NAME)

RN 491860-15-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

RN 491860-16-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 154 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 491860-17-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

Title compds. I [R1-2=H, alk(en/yn)y1, alkadieny1, etc.; X=halo, CN, alky1, alkoxy, etc.] are prepared For instance, 3-amino-1,2,4-triazole AB and

di-Et (2,6-difluorophenyl)malonate are reacted (n-Bu3N, 180°, 6 h) and the intermediate treated with NaOH to give 5,7-dihydroxy-6-(2,6-difluorophenyl)-(1,2,4|triazolo[1,5-a|pyrimidine. This is converted to the dichloro derivative (POCl3, reflux, 8 h) and reacted with i-PrNH2

L11 ANSWER 155 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2002:882068 CAPLUS
TITLE: Use of triazolopyrimidine derivatives as microbicides for technical materials and wood preservatives

INVENTOR(S): Bruns, Rainer; Kuyler, Martin; Jaetsch, Thomas; Elbe, Heiko
PATENT ASSIGNEE(S): Bayer Ag, Germany
SOURCE: Germany
CODEN: GMXXEX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | | | | DATE | | | | | |
|---------|------------------------------|------|------|-----|-----|------|-------------------------|------|--------------|----------------|----------|----------------|------|----------------------|----------|------|-----|--|
| DE | 1012 | 4208 | | | A1 | _ | 2002 | | DE. | 200: | -1012 | 4208 | | 20010518 20020506 | | | | |
| CA | 2447 | 623 | | | A1 | 1128 | | CA | 2002 | | 20020506 | | | | | | | |
| WO | 2002 | 0940 | 20 | | A1 | | 2002 | | OW | 2002 | -EP49 | | 2 | 0020 | 506 | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BI | в, во | , BR, | BY, | BZ, | CA, | CH, | CN, | |
| | | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | E | C, E | , ES, | FI, | GB, | GD, | GE, | GH, | |
| | | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE | , K | KP, | KR, | KZ, | LC, | LK, | LR, | |
| | | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | M | I, M | , MX, | MZ, | NO, | NZ, | OM, | PH, | |
| | | PL, | PT, | RO, | RU, | SD, | SE, | SG, | SI, | SI | C, SI | , TJ, | TM, | TN, | TR, | TT, | TZ, | |
| | | UA, | UG, | US, | UZ, | VN, | YU, | ZA, | ZM, | ZV | Ĭ | | | | | | | |
| | RW: | GH, | GM, | KE, | LS, | MW, | MZ, | SD, | SL, | SZ | , T | , UG, | ZM, | ZW, | AT, | BE, | CH, | |
| | | | | | | | | | | | | LU, | | | | | | |
| | | | | | | | | | | | | , ML, | | | | | | |
| | | | | | | | | | | ΑU | 2002 | -2550 | 02 | | 2 | 0020 | 506 | |
| | 2002 | | | | | | | | | | | | | | | | | |
| NZ | 5295 | 67 | | | A | | 2003 | 1219 | | NZ | 2002 | -5295 | 67 | | 2 | 0020 | 506 | |
| EE | 2003 | 0053 | 8 | | A | | 2004 | 0216 | | EΕ | 2000 | -538 | | | 2 | 0020 | 506 | |
| | | | | | | | | | | EP | 2002 | -7243 | 07 | | 2 | 0020 | 506 | |
| | 1395 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | , LI, | | | | | | |
| | | IE, | SI, | LT, | LV, | FΙ, | RO, | MK, | CY, | ΑI | ., TI | t. | | | | | | |
| BR | IE, SI, LT, BR 2002009830 | | | | | | 2004 | 0615 | BR 2002-9830 | | | | | 20020506 | | | | |
| CN | CN 1509143 | | | | | | A 20040630 CN 2002-8101 | | | | | | | 20020506 | | | | |
| JP | JP 2004527576 AT 333793 | | | | | | 2004 | 0909 | | JP 2002-590749 | | | | | 20020506 | | | |
| AT | 3337 | 93 | | | Т | | 2006 | 0815 | | AT | 2002 | -7243 | 07 | | 2 | 0020 | 506 | |
| | | | | | | | | | | | | -2724 | | | | | | |
| US | 2002 | 1982 | 22 | | A1 | | 2002 | 1226 | | US | 2002 | -1472 | 24 | | 2 | 0020 | 516 | |
| NO | 2003 | 0050 | 12 | | A | | 2003 | 1111 | | NO | 2000 | -5012 -8893 | | | 2 | 0031 | 111 | |
| | | | | | | | 2004 | 1123 | | ZA | 2000 | -8893 | | | 2 | 0031 | 114 | |
| PRIORIT | Y APP | LN. | INFO | . : | | | | | | DE | 200 | -1012 | 4208 | | A 2 | 0010 | 518 | |
| | | | | | | | | | | WO | 2002 | -EP49 | 65 | | W 2 | 0020 | 506 | |

OTHER SOURCE(S): MARPAT 137:364890
IT 150907-39-6 150907-46-5 150907-84-1
107233-48-3 107233-95-0 107233-97-2
214706-53-3 214706-57-7 249648-16-6
475473-12-2 475473-13-3
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(microbicide for tech. materials and wood preservative)
RN 150907-39-6 CAPLUS

L11 ANSWER 155 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-phenyl(CA INDEX NAME)

150987-46-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-cyclopentyl- (CA INDEX NAME)

150987-84-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 155 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 214706-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-57-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-triffuorophnyl)- (CA INDEX NAME)

RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-m-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

475473-12-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,6-

Page 275

L11 ANSWER 155 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 187233-48-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-95-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluorophenyl)-7-(hexahydro1H-azepin-1-yl)- (CA INDEX NAME)

187233-97-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 155 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN dichlorophenyl) - (CA INDEX NAME) (Continued)



RN 475473-13-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichlorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

GI

The triazolopyrimidine derivs. I [R1 = alkyl, alkenyl, alkynyl or cycloalkyl; R2 = H or alkyl; R1NR20 = (un)substituted heterocyclyl; R3 = (un)substituted alkyl; R4 = H or halo] and their salts N-oxides or isomers, are used for the microbicidal protection of tech. materials and as wood preservatives.

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 2002:031741 CAPLUS COLUMENT NUMBER: 137:325435

Preparation of 7-amino[1,2,4]triazolo[1,5-TITLE:

Preparation of 7-amino[1,2,4]triazolo[1,5-alpyrimidines as agricultural bacteriorides and fungicides Gebauer, Olaf; Greul, Joerg Nico; Heinemann, Ulrich; Elbe, Hans-Ludwig; Krueger, Bernd-Wieland; Dunkel, Ralf; Voerste, Arnd; Ebbert, Konald; Mauler-Machnik, Astrid; Wachendorff-Neumann, Ulrike; Kuck, INVENTOR(S):

Karl-Heinz;

Kitagawa, Yoshinori Bayer AG, Germany Ger. Offen., 16 pp. CODEN: GWXXBX Patent German 1 PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| 101 8812 8812 AE, CO, GM, LS, PL, UA, GH, | AG, CR, HR, LT, PT, UG, | AL, CU, HU, LU, RO, US, | CZ, ID, LV, RU, UZ, | AT, DE, IL, MA, SD, | 2003 AU, DK, IN, MD, SE, | 1107 0213 AZ, DM, IS, MG, SG, | BA, DZ, JP, MK, SI, | WO BB EC KE MN SK | 2001- 2002- , BG, , EE, , KG, | BR, ES, KP, MX, | 1101 87 BY, FI, KR, MZ, | BZ, GB, KZ, NO, | CA, GD, LC, NZ, | CH, GE, LK, OM, | CN, GH, LR, PH, |
|--|---|--|--|--|--|--|--|--|---|---|--|--|--|---|--|
| 8812 AE, CO, GM, LS, PL, UA, GH, | AG, CR, HR, LT, PT, UG, GM, | AL, CU, HU, LU, RO, US, | A3 AM, CZ, ID, LV, RU, UZ, | AT, DE, IL, MA, SD, | 2003 AU, DK, IN, MD, SE, | AZ, DM, IS, MG, SG, | BA, DZ, JP, MK, SI, | BB EC KE MN SK | , BG, ; EE, ; KG, | BR, ES, KP, MX, | BY, FI, KR, MZ, | BZ, GB, KZ, NO, | CA, GD, LC, NZ, | CH, GE, LK, OM, | CN, GH, LR, PH, |
| AE, CO, GM, LS, PL, UA, GH, | AG, CR, HR, LT, PT, UG, GM, | AL, CU, HU, LU, RO, US, | AM, CZ, ID, LV, RU, UZ, | AT, DE, IL, MA, SD, | AU, DK, IN, MD, SE, | AZ, DM, IS, MG, SG, | DZ, JP, MK, SI, | EC KE MN SK | , EE, , KG, | ES, KP, MX, | FI, KR, MZ, | GB, KZ, NO, | GD, LC, NZ, | GE, LK, OM, | GH, LR, PH, |
| CO, GM, LS, PL, UA, GH, | CR, HR, LT, PT, UG, GM, | CU, HU, LU, RO, US, | CZ, ID, LV, RU, UZ, | DE, IL, MA, SD, | DK, IN, MD, SE, | DM, IS, MG, SG, | DZ, JP, MK, SI, | EC KE MN SK | , EE, , KG, | ES, KP, MX, | FI, KR, MZ, | GB, KZ, NO, | GD, LC, NZ, | GE, LK, OM, | GH, LR, PH, |
| GM, LS, PL, UA, GH, | HR, LT, PT, UG, GM, | HU, LU, RO, US, | ID, LV, RU, UZ, | IL, MA, SD, | IN, MD, SE, | IS, MG, SG, | JP, MK, SI, | KE MN SK | , KG, | KP, MX, | KR, MZ, | KZ, | LC, NZ, | LK, OM, | LR, PH, |
| GM, LS, PL, UA, GH, | HR, LT, PT, UG, GM, | HU, LU, RO, US, | ID, LV, RU, UZ, | IL, MA, SD, | IN, MD, SE, | IS, MG, SG, | JP, MK, SI, | KE MN SK | , KG, | KP, MX, | KR, MZ, | KZ, | LC, NZ, | LK, OM, | LR, PH, |
| LS, PL, UA, GH, | LT, PT, UG, GM, | LU, RO, US, | LV, RU, UZ, | MA, SD, | MD, SE, | MG, SG, | MK, SI, | MN | , MW, | MX, | MZ, | NO, | NZ, | OM, | PH, |
| PL, UA, GH, | PT, UG, GM, | RO, US, | RU, UZ, | SD, | SE, | SG, | SI, | SK | | | | | | | |
| UA, GH, | UG, GM, | US, | UΖ, | | | | | | | | | , | , | , | , |
| GH, | GM, | | | | | | | | | | | | | | |
| | | | LS. | MW. | | | | | | UG. | ZM. | ZW. | AT. | BE. | CH. |
| CY. | DE. | | | | | | | | | | | | | | |
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| | 26 | | | | | | | | 2002- | | | | | | |
| BF, BJ, C AU 2002312826 EP 1397362 R: AT, BE, C | | | | | | | | | 2002- | | | | | 0020 | |
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| | | | | | | | | | , TR | ш., | шо, | LVLI, | OL, | 1101 | , |
| 3343 | 36 | | T | | 2004 | 1104 | | JP | 2002- | 5854 | 24 | | 21 | 0020 | 416 |
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WO 2002-EP4187

W 20020416

OTHER SOURCE(S): MARPAT 137:325435
IT 473266-36-3P 473266-37-4P 473266-38-5P
473266-39-6P 473266-40-9P 473266-41-0P
473266-42-1P 473266-40-9P 473266-41-3P
473266-42-4P 473266-46-5P 473266-47-6P
473266-49-8P 473266-51-4P 473266-51-4P
473266-55-6P 473266-55-8P 473266-55-8P
473266-55-6P 473266-55-0P

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

473266-39-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,2-dimethylhydrazino)-6-phenyl- (9CI) (CA INDEX NAME)

Me2N-NH

RN 473266-40-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chlor-6-(2,6-difluorophenyl)-N-(2-methylpropoxy)- (CA INDEX NAME)

473266-41-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(4-phenyl-2-thiazolyl)methoxy]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(Uses)
(prepn. of aminotriazolopyrimidines as agricultural bactericides and fungicides)
fungicides)
[1,2,4] Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2,2-dimethylhydrazino)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

N 473266-37-4 CAPLUS N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, --chloro-6-(2,6-difluorophenyl)-N-(1,1-dimethylethoxy)- (CA INDEX NAME)

NH-OBu-t

473266-38-5 CAPLUS Methanesulfenamide, 1,1-dichloro-N-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-1-fluoro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

473266-42-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[4(trifluoromethyl)phenyl]methoxy]-6-(2,4,6-trifluorophenyl)- (CA INDEX

473266-43-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[4-(trifluoromethoxy)phenyl]methoxy]-6-(2,4,6-trifluorophenyl)- (CA INDEX

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 473266-44-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(phenylmethoxy)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 473266-45-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(4-methylphenyl)methoxy]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 473266-46-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(cyclopentyloxy)-6-(2,4,6-trifiluorophenyl)- (CA INDEX NAME)

RN 473266-47-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[[(6-chloro-3-pyridinyl)oxy]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 473266-49-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methoxy-N-methyl-6-(2,4,6-trifluozophenyl)- (CA INDEX NAME)

RN 473266-50-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-ethylhydrazino)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 473266-51-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1,2-dimethylhydrazino)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 473266-52-3 CAPLUS
(I,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[2-(2,2,2-trifluoroethyl)hydrazino]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 473266-53-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2-propylhydrazino)-6-(2,4,6-trifluorophenyl)- (9C1) (CA INDEX NAME)

RN 473266-54-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[2-(1,1-dimethylethyl)hydrazino]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 473266-55-6 CAPLUS

ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[2(cyclohexylmethyl)hydrazino]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX

RN 473266-56-7 CAPLUS CN Propanenitrile, 3-[2-[5-chloro-6-(2,4,6-trifluoropheny1)[1,2,4]triazolo[1,5-alpyrimidin-7-y1]hydrazino]- (9CI) (CA INDEX NAME)

473266-57-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[2-(2-propenyl)hydrazino]-6(2.4.6-trifluorophenyl)- (9CI) (CA INDEX NAME)

473266-58-9 CAPLUS [1,2,4]pyrimidine, 5-chloro-7-[2-(1-cyclopropylethyl)hydrazine]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. [I, Rl = (substituted) alkoxy, alkenyloxy, alkynyloxy, cycloalkyloxy, alkylamino, dialkylamino, alkenylamino, alkynylamino, cycloalkylamino, N-cycloalkyl-N-a-lkylamino, alkylideneamino, SR4; R4 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, R2 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, R3 = (substituted) aryl, X = halo], were prepared as agricultural bactericides and fungicides (no data). AB Thus.

a mixture of 5,7-dichloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5a maxure of 3, -dicfioro-e-(c, e-dirivotopneny)[[1, 2, 4][Triazolo[1, 5-alpyrimidine, tert-butylhydroxylamine hydrochloride, and EE3N in CH2C12 was stirred 1 day at 40° and 1 day at room temperature to give 64% 7-(tert-butoxyamino)-5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5a]pyrimidine.

L11 ANSWER 156 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

473266-59-0 CAPLUS
2-Propanone, [5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]cyclohexylhydrazone (9CI) (CA INDEX NAME)

249648-16-6 IT

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of aminotriazolopyrimidines as agricultural bactericides and

fungicides)

TUNGICIACO,
RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(18)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2002:814135 CAPLUS
DOCUMENT NUMBER: 137:325429
TITLE: 137:325429
TITLE: Preparation of 6-(2-chloro-6-fluorophenyl)-triacolopyrimidines as agrochemical fungicides
INVENTOR(S): Tormo i Blasco, Jordi; Sauter, Hubert; Mueller, Bernd:

Gewehr, Markus; Grammenos, Wassilios; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Rose, Ingo; Schaefer, Peter; Schieweck, Frank; Ammermann, Eberhard; Strathmann, Siegfried; Lorenz, Gisela; Stierl, Reinhard Basf Aktiengesellschaft, Germany PCT Int. Appl., 32 pp. CODEN: PIXXD2 Patent English 1

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | ATE APPLICATION NO | | | | | | | | | | |
|--|-------|------|------|-----|-------------|-----|------|--------------------|-----|------|-------|------|----------|----------|------|------|-----|--|
| | | | | | A1 20021024 | | | | | | | | | | | | | |
| | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BY, | BZ, | CA, | CH, | CN, | |
| | | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | EE, | ES, | FI, | GB, | GD, | GE, | GH, | |
| | | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KΡ, | KR, | KΖ, | LC, | LK, | LR, | |
| | | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NO, | NZ, | OM, | PH, | |
| | | PL, | PT, | RO, | RU, | SD, | SE, | SG, | SI, | SK, | SL, | TJ, | TM, | TN, | TR, | TT, | TZ, | |
| | | UA, | UG, | US, | UZ, | VN, | YU, | ZA, | ZM, | ZW | | | | | | | | |
| | RW: | GH, | GM, | KE, | LS, | MW, | MZ, | SD, | SL, | SZ, | TZ, | UG, | ZM, | ZW, | ΑT, | BE, | CH, | |
| | | CY, | DE, | DK, | ES, | FI, | FR, | GB, | GR, | IE, | IT, | LU, | MC, | NL, | PT, | SE, | TR, | |
| | | BF, | ВJ, | CF, | CG, | CI, | CM, | GA, | GN, | GQ, | GW, | ML, | MR, | NE, | SN, | TD, | TG | |
| AU | 2002 | 2577 | 58 | | A1 | | 2002 | 1028 | | AU : | 2002- | 2577 | 58 | | 2 | 0020 | 406 | |
| EP | 1381 | 610 | | | A1 | | 2004 | 0121 | | EP : | 2002- | 7275 | 34 | | 2 | 0020 | 406 | |
| EP | 1381 | 610 | | | B1 | | 2004 | 0825 | | | | | | | | | | |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | IT, | LI, | LU, | NL, | SE, | MC, | PT, | |
| | | IE, | SI, | LT, | LV, | FI, | RO, | MK, | CY, | AL, | TR | | | | | | | |
| JP | 2004 | 5267 | 67 | | T | | 2004 | 0902 | | JP : | 2002- | 5814 | 20020406 | | | | | |
| AT | 2745 | | | | | | 2004 | 0915 | | AT 3 | 2002- | 7275 | 34 | 20020406 | | | | |
| ES | 2225 | 784 | | | Т3 | | 2005 | 0316 | | ES 2 | 2002- | 2727 | 534 | | 2 | 0020 | 406 | |
| AT 274518 ES 2225784 US 2004110751 | | | | | | | 2004 | 0610 | | US 2 | 2003- | 4744 | | 2 | 0031 | 800 | | |
| US | 7071 | 334 | | | B2 | | 2006 | 0704 | | | | | | | | | | |
| PRIORIT | Y APP | LN. | INFO | . : | | | | | | EP : | 2001- | 1090 | 10 | | A 2 | 0010 | 411 | |
| | | | | | | | | | | WO : | 2002- | EP38 | 30 | | W 2 | 0020 | 406 | |

(preparation of 6-(2-chloro-6-fluorophenyl)triazolopyrimidines as (preparation of agrochem.

fungicides)
RN 388060-18-2 CAPLUS

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-fluorophenyl)-5-methoxy-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME) (Continued)

388060-77-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-fluorophenyl)-5(difluoromethoxy)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

473465-98-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-6-fluorophenyl)-7-[ethyl(2-methyl-2-propenyl)amino]- (9CI) (CA I (CA INDEX NAME)

RN 473465-99-5 CAPLUS

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

473466-03-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-fluorophenyl)-5-(1-methylethoxy)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

473466-04-5 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N,N-diethyl-5-(1-methylethoxy)- (CA INDEX NAME)

RN 473466-06-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-chloro-6-fluorophenyl)-7-(4-methyl1-piperidinyl)-5-(2-propenyloxy)- (9CI) (CA INDEX NAME)

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-6-fluorophenyl)-7-[(1-methylethyl)amino]- (CA INDEX NAME)

473466-00-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

473466-01-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-6-fluorophenyl)-7-(diethylamino)- (CA INDEX NAME)

473466-02-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-fluorophenyl)-5-ethoxy-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

IT 150988-18-4 150988-19-5 150988-24-2
187233-48-3 214633-87-1 214633-92-8
389060-07-9 389060-13-7 389060-78-4
424824-06-6 424824-07-7 424824-08-8
424824-06-6 424824-07-7 424824-08-8
424824-06-8 424824-01-9 424824-42-0
473466-07-8 473466-08-9 473466-09-0
473466-10-3 473466-11-4 473466-12-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 6-(2-chloro-6-fluorophenyl)triazolopyrimidines as agrochem.

Fungicides)
RN 150988-18-4 CAPLUS
CN [12,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-cyclopentyl- (CA INDEX NAME)

150988-19-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150988-24-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-diethyl- (CA INDEX NAME)

187233-48-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

214633-87-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-07-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

388060-13-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl) - (CA INDEX NAME)

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-78-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

424824-06-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

424824-08-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(IR)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

424824-41-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(18)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

473466-07-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-dipropyl- (CA INDEX NAME)

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

473466-12-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

AB The title compds. [I; R1, R2 = H, alkyl, (un)substituted Ph, heterocyclyl,

etc.; or NR1R2 = (un)substituted 5-6 membered heterocyclic ring; X = CN, alkoxy, haloalkoxy, alkenyloxyl, useful for combating phytopathogenic fungi, were prepared Thus, treating I [NR1R2 = 4-methylpiperidino; X = CN]

with NaCMe in MeOH afforded I [NRIR2 = 4-methylpiperidino; X = CMe]. The tomato plants (infested by Alternaria solani) which had been treated with 63 ppm of the latter showed an infection of up 3%, whereas the untreated plants were infected to 100%.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

473466-09-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-methyl-N-(1-methylethyl)- (CA INDEX NAME)

473466-10-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

 $\begin{array}{lll} 473466-11-4 & \texttt{CAPLUS} \\ [1,2,4]\texttt{Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- & \texttt{(CA INDEX NAME)} \end{array}$

Absolute stereochemistry.

L11 ANSWER 157 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 2002:814134 CAPLUS
177:325428

TITLE: 177:325428

Preparation of 5-halogen-6-phenyl-7-fluoroalkylaminotriazolopyrimidines as fungicides
Tormo i Blasco, Jordi; Ammermann, Eberhard; Pees,
Klaus-Juergen; Albert, Guido; Rehnig, Annerose;
Search, Debra

PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
FOT Int. Appl., 26 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| | | | | | | | | | | | | DATE | | | | | | | |
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| | | co, | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EC, | , EE, | ES, | FI, | GB, | GD, | GE, | GH, | | |
| | | GM, | HR, | HU, | ID, | IL, | IN, | IS, | JP, | KE, | , KG, | KP, | KR, | KZ, | LC, | LK, | LR, | | |
| | | LS, | LT, | LU, | LV, | MA, | MD, | MG, | MK, | MN. | , MW, | MX, | MΖ, | NO, | NZ, | OM, | PH, | | |
| | | PL, | PT, | RO, | RU, | SD, | SE, | SG, | SI, | SK, | , SL, | TJ, | TM, | TN, | TR, | TT, | TZ, | | |
| | | UA, | UG, | US, | UZ, | VN, | YU, | ZA, | ZM, | ZW | | | | | | | | | |
| | RW: | GH, | GM, | KE, | LS, | MW, | MZ, | SD, | SL, | SZ, | , TZ, | UG, | ZM, | ZW, | AT, | BE, | CH, | | |
| | | CY, | DE, | DK, | ES, | FI, | FR, | GB, | GR, | IE, | , IT, | LU, | MC, | NL, | PT, | SE, | TR, | | |
| | | BF, | ВJ, | CF, | CG, | CI, | CM, | GΑ, | GN, | GQ. | , GW, | ML, | MR, | NE, | SN, | TD, | TG | | |
| CA | 2443 | 596 | | | A1 | | 2002 | 1024 | | CA : | 2002- | 2 | 0020 | 406 | | | | | |
| ΑU | 2002 | 2577 | 57 | | A1 | | 2002 | 1028 | | AU : | 2002- | 2577 | 57 | | 2 | 0020 | 406 | | |
| | | | | | | | | | | | 2003- | | | | | | | | |
| | | | | | | | | | | EP : | 2002- | 72 75 | 33 | | 2 | 0020 | 406 | | |
| ΕP | 1381 | 509 | | | B1 | | 2005 | 0119 | | | | | | | | | | | |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | , IT, | LI, | LU, | NL, | SE, | MC, | PT, | | |
| | | | | | | | | | | | , TR | | | | | | | | |
| | | | | | | | | | | | 2002- | | | | | | | | |
| | 1501936 | | | | | | | | | | | | | | | | | | |
| | 2004001092 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 20020406 | | | | | | | |
| | | | | | | | | | | | 2002- | | | | | | | | |
| | 5287 | | | | | | | | | | 2002- | | | | | | | | |
| | 1381 | | | | | | | | | | 2002- | | | | | | | | |
| | 2236 | | | | | | 2005 | | | | 2002- | | | | | | | | |
| | 2955 | | | | | | 2005 | | | | 2003- | | | | | | | | |
| TW | 2755 | 90 | | | В | | 2007 | 0311 | | TW : | 2002- | 9110 | 7358 | | 2 | | | | |
| MΧ | 20031 | PA09 | 002 | | A | | 2004 | 0212 | - 1 | MX : | 2003-1 | PA90 | 02 | | 2 | 0031 | | | |
| | | | | | | | | | | | 2003- | | | | | | | | |
| | 2004 | | 09 | | A1 | | 2004 | | | US : | 2003- | 4744 | 60 | | 2 | 0031 | 800 | | |
| US | 7105 | 564 | | | B2 | | 2006 | 0912 | | | | | | | | | | | |
| | | | | | A | | 2004 | 1011 | | | 2003- | | | | | 0031 | | | |
| IT: | APP | LN. | INFO | . : | | | | | | EP : | 2001- | 1090 | 11 | | A 2 | 0010 | 411 | | |
| | | | | | | | | | | | | | | | | | | | |

WO 2002-EP3829

W 20020406

L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

MARPAT 137:325428

PR.

OTHER SOURCE(S):

RN 473464-73-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(pentafluorophenyl)-N(1,3,3,3-tetrafluoropropyl)- (9CI) (CA INDEX NAME)

473464-74-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(3,3,3-trifluoropropyl)- (CA INDEX NAME)

473464-76-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,3,3,3-pentafluoropropyl)- (CA INDEX NAME)

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L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
IT 388061-02-7P 473464-69-6P 473464-70-P
473464-73-2P 473464-73-4P 473464-73-6P
473464-73-2P 473464-81-2P 473464-82-3P
473464-83-4P 473464-85-6P 473464-82-8P
473464-90-3P 473464-93-6P 473464-95-8P
473464-96-9P 473464-97-0P 473464-98-1P
473464-99-2P
B1. AGE (Agricultural neet) BSU (Biological study no (Continued)

4/3404-39-24 REL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); HSES

(Uses)

(Uses)
(preparation of
5-halogen-6-phenyl-7-fluoroalkylamino-triazolopyrimidines as
fungicides)
RN 388061-02-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(4,4,4-trifluoro-2-methylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

473464-69-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,3,3,3-tetrafluoropropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

473464-70-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3,4,4-trifluoro-3-butenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) RN 473464-78-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(3,3,3-trifluoropropyl)- (CA INDEX NAME)

473464-81-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,3,3,4,4,4-heptafluorobutyl)- (CA INDEX NAME)

473464-82-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(4,4,4-trifluorobutyl)- (CA INDEX NAME)

473464-83-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
chloro-N-(4,4,4-trifluorobbty1)6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 473464-85-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(3,4,4-trifluoro-3-butenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c} & \overset{\text{CF2}}{\underset{F}{\text{C1}}} \\ & \overset{\text{NH-CH2-CH2-CFF}}{\underset{F}{\text{C1}}} \end{array}$$

473464-87-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(3,4,4-trifluoro-3-butenyl)- (9CI) (CA INDEX NAME)

473464-90-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(3,4,4-trifluoro-3-butenyl)- (9CI) (CA INDEX NAME)

473464-93-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyi)-N-(3,4,4-trifluoro-3-butenyi)- 90T) (CA INDEX NAME)

L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 473464-98-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N(2,3,3,3-tetrafluoropropyl)- (CA INDEX NAME)

473464-99-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(4,4,4-trifluorobutyl)- (CA INDEX NAME)

Page 283

L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

473464-95-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
loro-6-(pentafluorophenyl)-N(3,4,4-trifluoro-3-butenyl)- (9CI) (CA INDEX NAME)

473464-96-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(5-fluoro-2-ntrophenyl)-N-(2,3,3,3-tetrafluoropropyl)- (CA INDEX NAME)

473464-97-0 CAPLUS [1,2,4]Triazol[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,3,3,3-tetrafluoropropyl)- (CA INDEX NAME)

L11 ANSWER 158 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

The title compds. [I; R1 = H, F, alkyl, alkenyl, alkynyl, alkadienyl; R2

H, alkyl, alkenyl, alkynyl, alkadienyl; R3 = fluoroalkyl, fluoroalkenyl;

= halo; n = 0-4; L = halo, NO2, alkyl, haloalkyl, alkoxy, haloalkoxy], useful for combating phytopathogenic fungi, were prepared Thus, reacting 1,1,1-trifluorobutane-4-amine with 5,7-dichloro-6-(2-chloro-6-fluorophenyl)-[1,2,4]-triazolo[1,5-a]pyrimidine in the presence of Et3N

in

CH2Cl2 afforded I [R1, R2 = H; R3 = (CH2)2CF3; X = Cl; n = 2; L1 = 2-Cl;
L2 = 6-F]. The young apple plants infested with Venturia inaequalis had
been treated with 200 ppm of the latter and showed an infection of up to
15%, whereas the untreated plants were infected to 80%.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 159 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2002:675750 CAPLUS DOCUMENT NUMBER: 137:181098 Synergistic fungicidal mixtures comprising a TITLE: Synergistic fungicidal mixtures comprising a benzophenone derivative Cotter, Henry Van Tuyl; Reichert, Gunter; Sieverding, Ewald; Jegerings, Petrus Martinus Franciscus Emanuel Basf Aktiengesellschaft, Germany PCT Int. Appl., 46 pp. INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: LANGUAGE: English FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE W0 2002067679 A1 20020906 W0 2001-EP1823 20010219
W1 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MS, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW
RWI GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GM, ML, MR, NR, SN, TD, TG
AU 2001246449 A1 20020912 AU 20010219
PRIORITY APPLN. INFO: CTHER SOURCE(S): MARPAT 137;181098

IT 451486-54-7 451486-55-8

R1: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(synergistic fungicidal compns. containing)

RN 451486-54-7 CAPFUS

CN Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME) CM 1 CRN 220899-03-6 CMF C19 H21 Br O5

(Continued) L11 ANSWER 159 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C14 H8 C1 F6 N5

Fungicidal compns. for controlling the growth of phytopathogenic fungi comprise synergistically effective amts. of (a) a benzophenone derivative (3-brono-6-methoxy-2-methylphenyl)(2,3,4-trimethoxy-6-methylphenyl)methanone (REG 220899-03-6) and (b) at least one AB

methylphenyl)methanone (REG 22U899-U3-0; and [b, at least book fungicidally active ingredient selected from groups (A), (B), (C), (D) and (E): (A) an ergosterol biosynthesis inhibitor; (B) a strobilurine derivative; (C) a melanin biosynthesis inhibitor; (D) a compound selected from the group consisting of acibenzolar, benomyl, captan, carboxin, chlorothalonil, copper, cyprodnil, dinocap, dithianon, dimethomorph, dodine, ethrinol, famoxadone, fenpiclonil, fluazinam, mancozeb, metalaxyl, pyrifenox, sulfur, vinclorolin; and (E) a triazolopyrimidine I (Markush included).

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 159 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 214633-87-1 CMF C13 H7 C12 F4 N5

451486-55-8 CAPLUS Methanone, (3-bromo-6-methoxy-2-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)-, mixt. with 5-chloro-M-(2,2,2-trifluoro-1-methylethyl)-6 (2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) INDEX NAME)

CM 1

CRN 220899-03-6 CMF C19 H21 Br O5

CM 2

CRN 214633-94-0

Lil ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2002:487564 CAPLUS

DOCUMENT NUMBER: 137:47222

TITLE: Preparation of aminotriazolopyrimidines as microbicides and pesticides.

INVENTOR(S): Gebauer, Olaf; Elbe, Hans-Ludwig; Henrich, Marielouise; Marhold, Albrecht; Wachendorff-Neumann, Ulrick; Mauler-Machnik, Astrid; Kuck, Karl-Heinz; Voerste, Arnd; Kitagawa, Yoshinori; Heinemann,

Ulrich;

Hilgers, Petra; Pleschke, Axel Bayer Aktiengesellschaft, Germany PCT Int. Appl., 61 pp. CODEN: PIXXD2 Patent 1 PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

APPLICATION NO. PATENT NO. KIND DATE DATE EW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, FT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NR, NE, SN, TD, TG DE 10063115 A1 20020627 DE 2000-10063115 20001218 AU 2002031676 EP 1349859 A1 20020627 A5 20020701 A2 20031008 AU 2002-31676 EP 2001-991808 20011207

WO 2001-EP14415 W 20011207

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OTHER SOURCE(S): MARPAT 137:47222
IT 438527-55-0P 438527-56-1P 438527-57-2P
438527-58-3P 438527-59-4P 438527-60-7P
438527-62-9P 438827-63-0P 438527-66-1P
438527-66-2P 438827-66-3P 438527-67-4P
438527-66-5P 438527-67-9P
438527-71-0P 438527-72-1P 438527-73-2P
438527-75-4P 438527-72-1P 438527-73-2P
438527-78-4P 438527-79-8P 438527-80-1P
438527-80-6P 438527-80-8P
438527-80-6P 438527-80-8P
438527-80-5P 438527-93-6P 438527-80-1P
438527-92-9P 438527-93-0P 438527-93-1P
438527-92-P 438527-93-0P 438527-93-1P
438527-93-P 438527-93-0P 438527-93-1P
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L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
438528-02-0P 438528-04-2P 438528-05-3P
438528-06-4P
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU
(Biological use, unclassified); SFN (Synthetic preparation); BIOL
(Biological study); PFEP (Freparation); USES (Uses)
(prepn. of aminotriazolopyrimidines as microbicides and pesticides)
RN 438527-55-0 CAPLUS
CN Acetamide.

NN 438227-93-0 CAPLUS
CN Acetamide,
2-[[5-chloro-6-[2-chloro-5-(trifluoromethyl)phenyl][1,2,4]triaz
olo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]-N,N-dimethyl- (CA INDEX NAME)

438527-56-1 CAPLUS Acetamide, 2-[[6-[2,5-bis(trifluoromethyl)phenyl]-5-chloro[1,2,4]triazolo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]-N,N-dimethyl- (CA INDEX NAME)

438527-57-2 CAPLUS Acetamide, 2-[[5-chloro-6-[2,6-dichloro-3-fluoro-5-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]-N,N-dimethyl- (CA INDEX NAME)

(Continued) L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

RN 438527-60-7 CAPLUS
CN Acetamide,
[-[[5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl][1,2,4]triaz
olo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]-N,N-dimethyl- (CA INDEX NAME)

438527-62-9 CAPLUS

CN Acetamide,
2-[[S-chloro-6-[2,3-difluoro-4-(trifluoromethyl)phenyl][1,2,4]t
riazo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]-N,N-dimethylINDEX NAME)
(CA

RN 438527-63-0 CAPLUS

RN 43822/-63-0 CAPLOS
CG Glycine,
N-[5-chloro-6-[2-chloro-5-(trifluoromethyl)phenyl][1,2,4]triazolo
[1,5-a]pyrimidin-7-yl]-N-(3-fluoropropyl)-, methyl ester (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 438527-58-3 CAPLUS
CN Acetamide,
[1] Capture (Trifluoromethyl) phenyl] [1,2,4] triaz
olo[1,5-a]pyrimidin-7-yl] (3-fluoropropyl) amino]-N,N-dimethylNAME)

438527-59-4 CAPLUS

CN Acetamide, 2-[[5-chloro-6-[2-chloro-5-[(trifluoromethyl)thio]phenyl][1,2,4 |]triazolo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]-N,N-dimethyl- (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

438527-64-1 CAPLUS Glycine, N-[5-chloro-6-[2,6-dichloro-3-fluoro-5- (trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-(3-fluoropropyl)-, methyl ester (CA INDEX NAME)

438527-65-2 CAPLUS

RN 430227-0-2 CAEUG CN Glycine-(2-fluoro-4-(trifluoromethyl)phenyl][1,2,4]triazolo [1,5-a]pyrinidin-7-yl]-N-(3-fluoropropyl)-, methyl ester (C (CA INDEX NAME)

438527-66-3 CAPLUS
Glycine,
-chloro-6-[2-chloro-5-[(trifluoromethy1)thio]pheny1][1,2,4]tr
iazolo[1,5-a]pyrimidin-7-y1]-N-(3-fluoropropy1)-, methy1 ester (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 438527-67-4 CAPLUS CN Glycine, N-[5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl][1,2,4]triazolo [1,5-a]pyrimidin-7-yl]-N-(3-fluoropropyl)-, methyl ester (CA INDEX NAME)

RN 438527-68-5 CAPLUS
CN Glycine,
N-[5-chloro-6-[2,3-difluoro-4-(trifluoromethyl)phenyl][1,2,4]tria
zolo[1,5-a]pyrimidin-7-yl]-N-(3-fluoropropyl)-, methyl ester (CA INDEX

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{array}{c} \text{CMe} \\ \text{MeO-CH-CH}_2 \\ \text{F} \\ \text{N-(CH}_2) \text{ 3-F} \\ \text{F}_3 \\ \text{CM}_{\text{N}} \\ \end{array}$$

438527-72-1 CAPLUS [1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-chloro-5-[(trifluoromethyl)thio]phenyl]-N-(2,2-dimethoxyethyl)-N-(3-fluoropropyl)-(CA INDEX NAME)

438527-73-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl]-N-(2,2-dimethoxyethyl)-N-(3-fluoropropyl)- (CA INDEX NAME)

438527-75-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,3-difluoro-4-(trifluoromethyl)phenyl]-N-(2,2-dimethoxyethyl)-N-(3-fluoropropyl)- (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

438527-69-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-chloro-5-(trifluoromethyl)phenyl]-N-(2,2-dimethoxyethyl)-N-(3-fluoropropyl)- (CA INDEX NAME)

RN 438527-70-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-di-hloro-3-fluoro5-(trifluoromethyl)phenyl]-N-(2,2-dimethoxyethyl)-N-(3-fluoropropyl)-

INDEX NAME)

RN 438527-71-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2-dimethoxyethy1)-N(3-fluoropropy1)-6-[2-fluoro-4-(trifluoromethy1)pheny1]- (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

438527-76-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-chloro-5-(trifluoromethyl)phenyl]-N-(2,2-diethoxyethyl)-N-(3-fluoropropyl)- (CA INDEX NAME)

RN 438527-77-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-dichloro-3-fluoro5-(trifluoromethyl)phenyl]-N-(2,2-diethoxyethyl)-N-(3-fluoropropyl)- (CA
INDEX NAME)

RN 438527-78-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2-diethoxyethyl)-N(3-fluoropropyl)-6-[2-fluoro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

438527-79-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-chloro-5-[(trifluoromethyl)thio]phenyl]-N-(2,2-diethoxyethyl)-N-(3-fluoropropyl)-(CA INDEX NAME)

438527-80-1 CAPLUS [1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl]-N-(2,2-diethoxyethyl)-N-(3-fluorompropyl)- (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 438527-85-6 CAPLUS
CN 2-Propanone,
1-[[5-chloro-6-[2-chloro-5-[(trifluoromethyl)thio]phenyl][1,2
,4]triazolo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]-(CA INDEX NAME)

438527-86-7 CAPLUS

RN 43822/-00-7 CARLOS
CN 2-Propanone,
1-[[5-chloro-6-[2-chloro-3-(trifluoromethyl)phenyl][1,2,4]tri
azolo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]- (CA INDEX NAME)

$$\begin{array}{c|c} F = (CH_2) 3 & \bigcirc \\ N = CH_2 - C - Me \end{array}$$

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 438527-82-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2-diethowyethyl)-6[2,3-difluoro-4-(trifluoromethyl)phenyl]-N-(3-fluoropropyl)NAME)

RN 438527-83-4 CAPLUS
CN 2-Propanone,
1-[[5-chloro-6-[2-chloro-5-(trifluoromethyl)phenyl][1,2,4]tri
azolo[1,5-a]pyrimidin-7-yl](3-fluoropropyl)amino]- (CA INDEX NAME)

438527-84-5 CAPLUS

CN 2-Propanone,
1-[[5-chloro-6-[2-fluoro-4-(trifluoromethyl)phenyl][1,2,4]tri
azolo[1,5-a]pyrimidin-7-yl][3-fluoropropyl)amino]- (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 438527-89-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
N(2-bromo-2-propenyl)-5-chloro-6[2-chloro-5-(trifluoromethyl)phenyl]-N-(3-fluoropropyl)- (9CI) (CA INDEX NAME)

438527-90-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[2,5-bis(trifluoromethyl)phenyl]-N-(2-bromo-2-propenyl)-5-fluoro-N-(3-fluoropropyl)- (9C1) (CA INDEX NAME)

RN 438527-91-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
N-(2-bromo-2-propenyl)-5-chloro-6[2,6-dichloro-3-fluoro-5-(trifluoromethyl)phenyl]-N-(3-fluoropropyl)(9CI) (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 438527-92-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
N(2-bromo-2-propenyl)-5-chloro-N(3-fluoropropyl)-6-[2-fluoro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

RN 438527-93-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
N1(2-bromo-2-propenyl)-5-chloro-6[2-chloro-5-[(trifluoromethyl)thio]phenyl]-N-(3-fluoropropyl)- (9CI) (CA
INDEX NAME)

438527-94-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-(2-bromo-2-propenyl)-6-[2-chloro-3-(trifluoromethyl)phenyl]-5-fluoro-N-(3-fluoropropyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 438527-99-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2-chloro-2-propenyl)6-[2,6-dichloro-3-fluoro-5-(trifluoromethyl)phenyl]-N-(3-fluoropropyl)(9CI) (CA INDEX NAME)

F- (CH2)3 CH2

RN 438528-00-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-M-(2-chloro-2-propenyl)N-(3-fluoropropyl)-6-[2-fluoro-4-(trifluoromethyl)phenyl]- (9CI) (CA
INDEX NAME)

1 438528-01-9 CAPLUS 7 [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, chloro-N-(2-chloro-2-propenyl)-6-[2-chloro-5-[(trifluoromethyl)thio]phenyl]-N-(3-fluoropropyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

RN 438527-96-9 CAPLUS
CN [1,2,4]Triazolc[1,5-a]pyrimidin-7-amine,
N-(2-brome-2-propenyl)-5-chloro-6[2,3-difluoro-4-(trifluoromethyl)phenyl]-N-(3-fluoropropyl)- (9CI) (CA INDEX NAME)

(Continued)

RN 438527-97-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2-chloro-2-propenyl)6-[2-chloro-5-(trifluoromethyl)phenyl]-N-(3-fluoropropyl)- (9CI) (CA INDEX NAME)

438527-98-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[2,5-bis(trifluoromethyl)phenyl]-N-(2-chloro-2-propenyl)-5-fluoro-N-(3-fluoropropyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

438528-02-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-(2-chloro-2-propenyl)-6-[2-chloro-3-(trifluoromethyl)phenyl]-5-fluoro-N-(3-fluoropropyl)- (9CI) INDEX NAME)

RN 438528-04-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2-chloro-2-propenyl)6-[2,3-difluoro-4-(trifluoromethyl)phenyl]-N-(3-fluoropropyl)- (9CI) (CA

INDEX NAME)

438528-05-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,4-difluoro-6-ttrifluoromethyl)phenyl]-N-(2,2-dimethoxyethyl)-N-(3-fluoropropyl)- (CA INDEX NAME)

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

N- (CH₂)₃-F

RN 438528-06-4 CAPLUS
CN Glycine,
N-[5-chloro-6-[2,4-difluoro-6-(trifluoromethyl)phenyl][1,2,4]tria
zolo[1,5-a]pyrimidin-7-yl]-N-(3-fluoropropyl)-, methyl ester (CA INDEX
NAME)

GI

AB Title compds. [I; R1, R2 = (substituted) alkyl, alkenyl, alkynyl; R3 = (substituted) heterocyclyl, alkyl; X = halo], were prepared as microbicides

and pesticides (no data). Thus, 5,7-dichloro-6-(2,2-difluoro-1,2-

L11 ANSWER 160 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) benzodioxol-4-yl)-1,2,4-triazolo[1,5-a]pyrimidine, (3-fluoropropy) (methoxycarbonylmethy) amine, and K2CO3 were stirred 16 h in MeCN to give 64.8% title compd. (II).

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L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2002:392233 CAPLUS
DOCUMENT NUMBER: 136:386133
TITLE: Preparation of
6-(2-trifluoromethylphenyl)triazolopyri
midines as agrochemical fungicides
INVENTOR(S): Pees, Klaus-Juergen; Schieweck, Frank; Tormo i
                                                                  Jordi; Sauter, Hubert; Cullman, Oliver; Muller,
                                                                   Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim;
Rose, Ingo; Schafer, Peter; Ammermann, Eberhard;
Strathmann, Siegried; Lorenz, Gisela; Stierl,
 Reinhard
PATENT ASSIGNEE(S):
SOURCE:
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BASF Corporation, USA U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U.S. Ser. No. 566,339. CODEN: USXXCO

DOCUMENT TYPE: Patent English LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | | | APPLICATION NO. | | | | | | | | | |
|-------|-----|------|------|------------|-----|------|----------|---------------|----------------|-----------------|----------------|-------|------|-----|----------|------|-------|-----|--|
| | | | | | | | 20020523 | | US 2000-735126 | | | | | | | | | | |
| | US | | | | B2 | | | | | | | | | | | | | | |
| | | | | | | | | | | WO 2 | O 2000-EP12271 | | | | 20001200 | | | | |
| | | W: | ΑE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BR, | BY, | BZ, | CA, | CH, | CN, | |
| | | | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EE, | ES, | FI, | GB, | GD, | GE, | GH, | GM, | HR, | |
| | | | HU, | ID, | IL, | IN, | IS, | JP, | KE, | KG, | KP, | KR, | KZ, | LC, | LK, | LR, | LS, | LT, | |
| | | | LU, | LV, | MA, | MD, | MG, | MK, | MN, | MW, | MX, | MZ, | NO, | NZ, | PL, | PT, | RO, | RU, | |
| | | | SD, | SE, | SG, | SI, | SK, | SL, | TJ, | TM, | TR, | TT, | TZ, | UA, | UG, | UZ, | VN, | YU, | |
| | | | ZA, | ZW, | AM, | ΑZ, | BY, | KG, | KZ, | MD, | RU, | ТJ, | TM | | | | | | |
| | | RW: | GH, | GM, | KE, | LS, | MW, | MZ, | SD, | SL, | SZ, | TZ, | UG, | ZW, | AT, | BE, | CH, | CY, | |
| | | | DE, | DK, | ES, | FI, | FR, | GB, | GR, | IE, | IT, | LU, | MC, | NL, | PT, | SE, | TR, | BF, | |
| | | | | | | | | | | | | | | | | | | | |
| | ΑU | | | A5 200206: | | | 0618 | AU 2001-23629 | | | | | | | | | | | |
| | EP | | | A1 | | 2003 | 0030910 | | | EP 2000-987356 | | | | | 20001 | 206 | | | |
| | EP | | | | B1 | B1 2 | | | | | | | | | | | | | |
| | | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | IT, | LI, | LU, | NL, | SE, | MC, | PT, | |
| | | | | | | | | | | | | TR | | | | | | | |
| | JP | 2004 | 5155 | 02 | | T | | 2004 | 0527 | | JP 2 | 2002- | 5479 | 32 | | 2 | 20001 | 206 | |
| | AT | 2739 | 81 | | | Т | | 2004 | 0915 | | AT 2 | 2000- | 9873 | 56 | | - 2 | 20001 | 206 | |
| | PT | 1341 | 794 | | | T | | 2004 | 1130 | | PT 2 | 2000- | 9873 | 56 | | 2 | 20001 | 206 | |
| | ES | 2226 | 968 | | | Т3 | | 2005 | 0401 | | | | | | | | | | |
| PRIOF | IT: | APP: | LN. | INFO | . : | | | | | | US 2 | 000- | 5663 | 39 | | A2 2 | 20000 | 508 | |
| | | | | | | | | | | | EP 2 | 000- | 9873 | 56 | | A 2 | 20001 | 206 | |
| | | | | | | | | | | | WO 2 | 2000- | EP12 | 271 | | A 2 | 20001 | 206 | |
| | | | | | | | | | | | US 2 | 2000- | 7351 | 26 | | A 2 | 20001 | 212 | |
| | | | | | | | | | | | | | | | | | | | |

OTHER SOURCE(S): MARPAT 136:386133
IT 388060-03-5P 388060-31-9P 426212-83-1P
426212-84-2P 426212-85-3P 426212-86-4P
426212-87-5P 426212-88-6P 426212-98-7P
426212-90-0P 426212-91-1P 426212-92-2P

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-93-3P 426212-94-4P 426212-95-5P

426212-96-6P 426212-97-PP 426212-98-8P

426212-99-9P 426213-00-5P 426213-02-7P

426213-03-8P 426213-00-5P 426213-05-0P

426213-06-1P 426213-10-7P 426213-11-8P

426213-09-4P 426213-10-7P 426213-11-8P

426213-12-9P 426213-16-3P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN

(Synthetic preparation); BIOL (Biological study); PREP (Preparation);

USES (Uses)
(prepn. of 6-(2-trifluoromethylphenyl)triazolopyrimidines as agrochem. fungicides)
388060-03-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-piperidinyl)-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

388060-31-9 CAPLUS RN 388060-31-9 CAPLOS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-chloro-1-piperidinyl)-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-83-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[5-fluoro-2-(trifluoromethyl)phenyl]-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-84-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[5-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-85-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2,2,1]hept-2-yl-5-chioro-6-[6-f-fluoro-2-(triffluoromethyl)phenyl]- (CA INDEX NAME)

RN 426212-86-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-[5-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-90-0 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-bromo-N-cyclopentyl-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 426212-91-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
N-bicyclo[2.2.1]hept-2-y1-5-bromo6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-92-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N,N-diethyl-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-87-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[5-fluoro-2-(trifluoromethyl)phenyl]-N-(1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-88-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[5-fluoro-2-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

426212-89-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[5-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-93-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-(1-methylethyl)-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-94-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-methyl-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-95-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-ethyl-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 426212-96-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-y1)-6[2-(trifluoromethyl)pheny1]- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 426212-97-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(4-methyl1-piperidinyl)-6-[2(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-98-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426212-99-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-fluoro-2-(trifluoromethyl)phenyl]-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426213-00-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-[4-fluoro-2-(trifluoromethyl)phenyl]-N-(2-methyl-2-propenyl)- (9C1) (CA INDEX NAME)

RN 426213-02-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-[4-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426213-03-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-[4-fluoro-2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426213-04-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[4-fluoro-2-(trifluoromethyl)phenyl]-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

426213-05-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cycloheptyl-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

426213-06-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
-chloro-N-(2-methylpropyl)-6-[2(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 426213-07-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl-1-piperidinyl)-6-[2-(trifluoromethyl)phenyl)- (CA INDEX NAME)

RN 426213-08-3 CAPLUS
CN 4-Piperidinol,
1-[5-chloro-6-[2-(trifluoromethyl)phenyl][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

RN 426213-09-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-[2-(trifluoromethyl)phenyl]-7[4-(trifluoromethyl)-1-piperidinyl]- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 426213-10-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1-methylpropyl)-6-[2(trifluoromethyl)phenyl]- (CA INDEX NAME)

NH-CH-Et

426213-11-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2-fluoro-6-(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

426213-12-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[2-fluoro-6-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426213-16-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[5-fluoro-2-(trifluoromethyl)phenyl]-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

AB The title compds. [I; R1, R2 = H, alkyl, cycloalkyl, Ph, etc.; or R1 and R2 together with the interjacent nitrogen atom represent (un)substituted 5-6 membered heterocyclic ring, containing 1-4 nitrogen atoms or 1-3 nitrogen atom and one sulfur or oxygen atom; R3 = H, halo, alkyl, alkoxy and haloalkyl; X = halo], useful for controlling phytopathogenic fungi, were prepared E.g., a multi-step synthesis of I [NR1R2 = 4-methylpiperidino; R3

R3 = 5-F; X = C1] which showed severe inhibition of Rhizoctonia solani growth at 25 ppm in vitro, was given.

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426213-13-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-[2-fluoro-6-(trifluoromethyl)phenyl]-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

426213-14-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-fluoro-2-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX

426213-15-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-methoxy-2-(trifluoromethyl)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAMP)

L11 ANSWER 161 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2002:368473 CAPLUS DOCUMENT NUMBER: 136:386126 136:386126 Preparation of 7-[(chiral-TITLE: reparation of /-[(chiral-alkyl)amino]triazolopyrimidines as agrochemical fungicides Tormo i Blasco, Jordi; Ditrich, Klaus; Sauter, INVENTOR(S): Cullmann, Oliver; Gewehr, Markus; Grammenos, Wassilios; Mueller, Bernd; Grote, Thomas; Gypser, Andreas; Rheinheimer, Joachim; Rose, Ingo; Schaefer, Peter; Schieweck, Frank; Ammermann, Eberhard; Strathmann, Siegfried; Lorenz, Gisela; Stierl, Reinhard
Basf Aktiengesellschaft, Germany
PCT Int. Appl., 32 pp.
CODEN: PIXXD2
Patent
German 1 PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE US 2006135538 20060130 US 2006-340977 A1 20060622 DE 2000-10056101 PRIORITY APPLN. INFO.: A 20001113 WO 2001-EP12977 W 20011109 IIS 2003-416467 A3 20030512 OTHER SOURCE(S): CASREACT 136:386126; MARPAT 136:386126 IT 424824-06-6F 424824-07-7F 424824-08-8F 424824-09-9F 424824-10-2F 424824-11-3F 424824-12-4F 424824-13-5F 424824-14-6F 424824-15-7F 424824-16-8F 424824-17-9F

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

424824-08-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-09-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluoropheny1)-N[(1R)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-10-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
424824-18-0P 424824-19-1P 424824-22-6P
424824-21-5P 424824-22-6P 424824-22-3-7P
424824-24-8P 424824-22-8-P 424824-22-9-9
424824-27-1P 424824-28-2P 424824-23-9-P
424824-30-6P 424824-31-4P 424824-32-9-P
424824-30-6P 424824-31-4P 424824-37-6P
424824-33-9P 424824-34-0P 424824-35-1P
424824-35-2P 424824-34-0P 424824-37-1P
424824-35-2P 424824-40-8P 424824-41-9P
424824-35-2P 424824-40-8P 424824-41-9P
424824-36-2P 424824-48-3P 7P 424824-41-5P
424824-48-6P 424824-48-3P 7P 424824-41-5P
424824-36-3P 424824-48-3P 7P 424824-35-3P
424824-51-1P 424824-55-5P 424824-35-3P
424824-51-1P 424824-55-5P 424824-55-9P
424824-63-5P 424824-61-3P 424824-56-6P
424824-63-5P 424824-61-3P 424824-62-4P
424824-63-5P 424824-61-3P 424824-62-5-7P
424824-63-5P 424824-61-3P 424824-62-5-7P
424822-63-5P 424824-61-3P 424824-62-5-7P
426212-31-9P 426212-32-4P 426212-35-3P
426212-31-9P 426212-31-9P 426212-33-3P
426212-33-1P 426212-31-9P 426212-33-3P
426212-33-1P 426212-31-9P 426212-33-3P
426212-33-1P 426212-37-5P 426212-37-3P
426212-34-4P 426212-34-4P
426212-34-4P 426212-34-4P
426212-34-4P
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426212-34-4P
426212-34-4P

of 7-[(chiral-alkyl)amino]triazolopyrimidines as agrochem.

fungicides)
424824-06-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-07-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-11-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-12-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloropheny1)-N-[(1R)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

424824-13-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
loro-6-(2,6-dichlorophenyl)-N[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-14-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-dichlorophenyl)-N[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-15-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-16-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1R)-1-methylpropyl]6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

424824-20-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-21-5 CAPLUS 1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-22-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1-methylpropyl]-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

Absolute stereochemistry.

424824-18-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-19-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1R)-1-methylpropyl)- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

424824-23-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-24-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(pentafluorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

424824-25-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F HN R Et

RN 424824-26-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(4-fluoro-2-methylphenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-27-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-28-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.

RN 424824-32-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chlor-N-[(IR)-1-methylheptyl]6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-33-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1R)-1-methyloctyl]-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-34-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1-cyclohexylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

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L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-29-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-(trifluoromethyl)phenyl]-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-30-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1R)-1-methylpentyl]6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-31-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1R)-1-methylhexyl]-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-35-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(IR)-2-methoxy-1-methyl=6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

EN 424824-36-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1R)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

EN 424824-37-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1R)-1,2-dimethylpropyl]- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

C1 HN R Pr-1

RN 424824-38-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2-methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-39-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N[(1R)-1-methylpzopyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-40-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoropheny1)-N-[(1S)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN $\,$ (Continued) Absolute stereochemistry.

RN 424824-44-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluoropheny1)-N[(1S)-1,2-dimethylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-45-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-dichlorophenyl)-N[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-46-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-41-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoropheny1)-N-[(1S)-1,2-dimethylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-42-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoropheny1)-N-[(1S)-1,2,2-trimethylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-43-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-[(1S)-1-methylpropyl]- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-47-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-1-methylpropyl]6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-48-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-49-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

424824-50-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxypheny1)-N-[(18)-1-methylpropy1]- (CA INDEX NAME)

Absolute stereochemistry.

424824-51-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methy]phenyl)-N-[(18)-1-methy]phenyl)- (CA INDEX NAME)

Absolute stereochemistry.

Absolute stereochemistry.

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN Absolute stereochemistry. (Continued)

RN 424824-56-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

424824-57-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
loro-6-(2,6-dichlorophenyl)-N[(1S)-1,2-dimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-58-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-dichlorophenyl)-N[(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

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L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-1-methylpentyl]6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

424824-54-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-2-methoxy-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

424824-55-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloropheny1)-N-[(1S)-1-methylpropy1]- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(15)-1-methylpropyl]6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

424824-60-2 CAPLUS

"4=0c4-00-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-61-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1-methylhexyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 424824-62-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1-cyclohexylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-63-5 CAPLUS [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(18)-1,2-dimethylpropyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-64-6 CAPLUS

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluoro-2-methylphenyl)-N-[(1S)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 426212-26-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluoro-6-methylphenyl)-, (6R)- (9CI) (CA INDEX

RN 426212-27-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]-, (6R)- (9CI) (CA INDEX NAME)

RN 426212-28-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N[(1R)-1,2-dimethylpropyl]-, (6R)- (9CI) (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(15)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-65-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-66-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2-(trifluoromethyl)phenyl]-N-[(18)-1,2,2-trimethylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.

RN 424824-67-9 CAPLUS

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 426212-29-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]-, (6R)- (9CI) (CA INDEX NAME)

RN 426212-30-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1R)-1,2-dimethylpropyl]-6-(2-fluoro-6-methylphenyl)-, (6S)- (9CI) (CA INDEX NAME)

RN 426212-31-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6methylphenyl)-N-[(1R)-1,2,2-trimethylpropyl]-, (6S)- (9CI) (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-32-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[(1R)-1,2-dimethylpropyl]-, (6S)- (9CI) (CA INDEX NAME)

426212-33-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[(1R)-1,2,2-trimethylpropyl]-, (6S)- (9CI) (CA INDEX NAME)

426212-34-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-(2-fluoro-6-methylphenyl)-, (6R)- (9CI) (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-73-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[(15)-1,2,2-trimethylpropyl]-, (6R)- (9CI) (CA INDEX NAME)

426212-74-0 CAPLUS [1,2,4]Tiazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1S)-1,2,2-trimethylpropyl]-, (6R)- (9CI) (CA INDEX NAME)

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L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

426212-35-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-1,2-dimethylpropyl]-6-(2-fluoro-6-methylphenyl)-, (6S)- (9CI) (CA INDEX

426212-36-4 CAPLUS [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoro-6-methylphenyl)-N-[(1S)-1,2,2-trimethylpropyl]-, (6S)- (9CI) (CA INDEX NAME)

426212-37-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[(1S)-1,2,2-trimethylpropyl]-, (6S)- (9CI) (CA INDEX NAME)

L11 ANSWER 162 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

Title compds. [I; R = NRICHMeR3; R1 = H or Me; R3 = (cyclo)alkyl or alkoxymethyl; R4 = substituted Ph; R5 = halo, cyano, alkyl, alkoxy] were prepared Thus, I (R4 = 2, 4, 6-trifluorophenyl, R5 = cl) (II, R = Cl) was aminated by (R)-MeCH(NH2) CMe3 (preparation each given) to give II [R = (R)-NHCHMeCMe3]. Data for biol. activity of I were given.

L11 ANSWER 163 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2002:367273 CAPLUS

136:365301

DOCUMENT NUMBER:

Concentrated spreading oil crop protection TITLE: formulation

for aqueous environments Aven, Michael; Hasui, Hideaki; Motoyoshi, Masatoshi BASF Aktlengesellschaft, Germany U.S., 7 pp. CODEN: USXXAM INVENTOR(S): PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: LANGUAGE . English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE US 6387848 AU 200131546 PRIORITY APPLN. INFO.: US 2000-716194 AU 2001-31546 US 1999-442822 20001117 В1 20020514 19991118 WO 2000-EP11334 W 20001116 US 2000-716194 20001117

OTHER SOURCE(S): MARPAT 136:365301
IT 249648-16-6
R1: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(concentrated spreading oil crop protection formulation for aqueous

environments

environments
containing)
RN 249648-16-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

GI

ANSWER 164 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER:

DOCUMENT NUMBER:

CAPLUS COPYRIGHT 2008 ACS on STN
2002:327917 CAPLUS
136:340691
Fluoro-substituted 7-heterocyclyl-triazolopyrimidines
and their use as fungicides
Pees, Klaus-juergen; Rehnig, Annerose; Albert, Guido
BASF Aktiengesellschaft, Germany
U.S., 8 pp.
CODEN: USXXAM
Patent
English
1

INVENTOR (S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE DATE US 6380202 PRIORITY APPLN. INFO.: US 1999-405658 US 1998-101770P 19990924 В1 20020430

(Uses)

(fungicide; preparation of fluoro-substituted heterocyclyltriazolopyrimidine s as fungicides)
RN 288619-16-9 CAPLUS

200019-10-9 CARDOS (1,2,4)Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-fluoro-1-piperidiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

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L11 ANSWER 163 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB A non-aqueous, stable concentrated single-phase spreading oil (SO) formulation for crop protection active compds. comprises: (a) 15 to 400 g/L of one or

crop protection active triazolopyrimidine I (R1, R2 = H, (un) substituted alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl or heterocyclyl, or R1 and R2 together with adjacent N = (un) substituted heterocyclyl cring; R3 = halo, alkyl or alkoxy; n = 0-5; Hal = halo); (b) 300 to 700 g/L of one or more plant oils; (c) 30 to 200 g/L of one or more polar aprotic organic solvents selected from the group consisting of N-C1-18 alkylpyrrolidone, N-C5-8 cycloalkylpyrrolidone, y-butyrolactone and cyclohexane; and (d) optionally one or more methylated plant oils; wherein the sum of all ingredients in the formulation adds up to one liter. Optionally, the S0 formulation can also have at least one methylated plant oil. The S0 formulation is useful for blast control in an aquatic environment of rice plants.

RECORD. ALL CITATIONS AVAILABLE IN THE RE

plants. REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR

FORMAT

L11 ANSWER 164 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

288619-17-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7[4-(fluoromethyl)-1-piperidinyl]- (CA INDEX NAME)

288619-18-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-fluoro-1-piperidinyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

288619-19-2 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3-fluoro-1-piperidinyl)- (CA INDEX NAME)

288619-20-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4,4-difluoro-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 164 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

288619-21-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[4-(fluoromethyl)-1-piperidinyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7[4-(trifluoromethyl)-1-piperidinyl]- (CA INDEX NAME)

214706-86-2, 5-Chloro-7-(4-hydroxypiperid-1-y1)-6-(2,4,6-trifluoropheny1)-[1,2,4]triazolo[1,5-a]pyrimidine 288619-23-8,

L11 ANSWER 164 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{bmatrix} R^2 & L^2 & & & F \\ R^1 - N & L^2 & & & & N \\ N & N & L^5 & & & & N & C1 \end{bmatrix}$$

AB Title compds. I are disclosed [wherein: NR1R2 = heterocyclyl bearing at least one F atom or fluoroalkyl group; X = halo; Li-L5 = H, halo, alkyl, or NO2]. Seven specific examples are claimed and prepared for instance, title compound II was prepared by treatment of the alc. 5-chloro-7-(4-hydroxypiperid-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine with DAST in CH2Cl2 at -78°. II gave 100% control of Erysiphe graminis on Triticum aestivum at a concentration of 25 ppm.

REFERENCE COUNT: 3 THERE ARE 3 CITED ERFERENCES AVAILABLE FOR THIS FORMAT

ANSMER 164 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
5-Chloro-7-(4-hydroxymethylpiperid-1-yl)-6-(2-chloro-6-fluorophenyl)[1,2,4]triarolo[1,5-a]pyrimidine
RL: RCT (Reactant); RACT (Reactant or reagent)
(starting material; prepn. of fluoro-substituted
heterocyclyltriarolopyrimidines as fungicides)
RN 214706-86-2 CAPLUS
CN 4-Piperidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triarolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

288619-23-8 CAPLUS
4-Piperidinemethanol, 1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

GI

L11 ANSWER 165 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2002:157492 CAPLUS DOCUMENT NUMBER: 136:195632 TITLE: Adjuvants enhancing the efficacy of triazolopyrimidine

INVENTOR (S) .

fungicides
Aven, Michael; Sieverding, Ewald
Basf Aktiengesellschaft, Germany
PCT Int. Appl., 16 pp.
CODEN: PIXXD2
Patent
English 1
1 PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE
 EP 1313370
 A2 20030528
 EP 2001-983451
 Zevulve2e

 EP 1313370
 B1 20040630
 20030528
 EP 2001-983451
 Zevulve2e

 R: AT, BE, CH, DE, DK, ES, FR, DE, OLD ST, LT, LT, LV, FT, KO, MK, CY, AL, TR
 BR 200103398
 A 2003015
 BR 2001-3398
 20010824

 HU 2003000808
 A2 20030929
 HU 2003-808
 20010824

 N2 524298
 A 20040528
 NZ 2001-524298
 20010824

 AT 270044
 T 20044029
 PT 2001-983451
 20010824

 FI 3133370
 T 20041029
 PT 2001-983451
 20010824

 FI 3133398
 A 20040528
 NZ 2001-524298
 20010824

 FI 313370
 T 20041029
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 FI 313370
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 T 3 20050301
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 MX 2003-8842
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 MX 2003-885
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 AM 2002-214958
 20030821

 MX 2003-885
 20030864</t EP 1313370 EP 1313370 A2 20030528 EP 2001-983451 20010824 ES 223392 CZ 295872 AU 2002214958 MX 2003176427 US 7176209 KR 765025 ZA 2003002272 PRIORITY APPLN. INFO.: 20050301 20051116 20070329 20030624 20030918 20070213 20071009 KR 2003-702657 ZA 2003-2272 US 2000-228328P 20030224 20030324 WO 2001-EP9786 W 20010824

L11 ANSWER 165 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (4-methyl-1-piperidinyl)- (CA INDEX NAME) (Continued)

AB A concentrated aqueous fungicidal formulation for application to plants comprises a triazolopyrimidine I (R1, R2 =H, C1-C110-alkyl, C2-C10-alkenyl, C2-C10-alkynyl, C4-C10-alkadienyl, C3-C10-cycloalkyl, Ph, naphthyl, etc.; R3 = C1-C6-alkyl or C1-C6-alkoxyl, n = 0-5; Hal = halo), (a) non-ionic water-soluble mixed polyalkoxylated aliphatic alc. surfactants, (b)

non-ionic water soluble ethoxylated aliphatic alc. surfactants, (c) amine ethoxylates, and

sylates, and

(d) micronized polymeric waxes. The adjuvant is present in an amount sufficient to provide a ratio of the compound of formula 1 to adjuvant at 100:75 to 100:100.000 in the applied formulation. The adjuvants enhance the efficacy of fungicidal triazolopzrimidines of and can be incorporated into formulations of the fungicidal compds. or be added to spray mixts. (tank mix) as sep. formulated additives in order to improve the efficacy and spectrum of these fungicides.

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2002:31452 CAPLUS DOCUMENT NUMBER: 136:96032

136:96032
Substituted triazolopyrimidines as anticancer agents Schmitt, Mark R.; Kirsch, Donald R.; Harris, Jane E.; Beyer, Carl F.; Pees, Klaus-Juergen; Carter, Paul; Pfrengle, Waldemar; Albert, Guido American Home Products Corporation, USA PCT Int. Appl., 405 pp.
CODEN: PIXXD2
Patent TITLE: INVENTOR(S):

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PA: | | | | | | D — | DATE | | APPLICATION NO. | | | | | | DATE | | | |
|-------|-------|-------|------|-----|-------------|--------|----------------------------------|-----------------|--|----|--------|------|-----|-----|--|----------|-----|--|
| | | | | | A2 | | | | WO 2001-US20672 | | | | | | 20010628 | | | |
| W.C | W: | | | | | | | | | DD | , BG, | DD | pv | 27 | CD | Ch | CN | |
| | ٠ | | | | | | | | | | EE. | | | | | | | |
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| | | | | | | | | | | | TM, | | | | | | | |
| | | | YU. | | | 50, | J1, | 511, | л., | 10 | , 111, | 111, | 11, | 12, | Ori | ,, | 02, | |
| | DW. | | | | | MM | MZ | en. | CT. | 97 | T7 | IIG | 2W | aт | DF | CH | CV | |
| | 1/11 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | , MR, | | | | | | 22, | |
| CA | 2413 | | O1 / | 00, | A1 | , | 2002 | 0110 | | CA | 2001- | 2413 | 802 | 12, | 10 | 20010 | 628 | |
| | 2001 | | 38 | | A | | 20030401 | | | BR | 2001- | 1203 | 8 | | | 20010628 | | |
| EP | 1307 | 200 | | | A2 | | | | | EP | 2001- | 9522 | 95 | | | 20010 | 628 | |
| | R: | AT. | BE. | CH. | | | | | | | | | | | | | | |
| | | | | | | | | | | | TR | | | | | | | |
| HU | 2003 | 0007 | 98 | | A2 | | 2003 | 0728 | | HU | 2003- | 798 | | | | 20010 | 628 | |
| JP | 2004 | 5026 | 91 | | T | | 20040129 20040924 20050309 | | JP 2002-507815 NZ 2001-523807 CN 2001-812055 US 2001-895975 | | | | | | | 20010 | 628 | |
| NZ | 5238 | 07 | | | A | | | | | | | | | | 20010628 20010628 | | | |
| CN | 1592 | 524 | | | A | | | | | | | | | | | | | |
| US | 2002 | 0687 | 44 | | A1 20020606 | | | 0606 | US 2001-895975 | | | | | | 20010629 | | | |
| BG | 1072 | 77 | | | A | | 2004 | 0130 | | BG | 2002- | 1072 | 77 | | | 20021 | 115 | |
| MX | 2002 | PA11: | 913 | | A | | 2003 | MX 2002-PA11913 | | | | | | | 20021 | 202 | | |
| NO | 2002 | 0061: | 95 | | A | | 20030227 | | NO 2002-6195 | | | | | | 20010628 20010628 20010628 SE, MC, PT, 20010628 20010628 20010628 20010629 2002115 20021202 20021202 20031010 20033101 | | | |
| IN | 20031 | KN00 | | | | | | | | | 2003- | | | | | 20030 | 101 | |
| | 2003 | | | | | | 2004 | | | | 2003- | | | | | 20030 | 129 | |
| IN | 2007 | KN00 | 659 | | A | | 2007 | 0706 | | IN | 2007- | KN65 | 9 | | | | | |
| ORIT: | APP: | LN. | INFO | . : | | | | | | US | 2000- | 2155 | 85P | | P | 20000 | 630 | |
| | | | | | | | | | | WO | 2001- | US20 | 672 | | W | 20010 | 628 | |
| | | | | | | | | | | ΙN | 2003- | KN1 | | | АЗ | 20030 | 101 | |

OTHER SOURCE(S): MARPAT 136:9603: IT 150987-15-8 150987-46-5 150987-87-75-0 150988-18-4 150988-20-8 150988-26-6 187233-25-6 187233-26-7 187233-348-3 187233-46-3 187233-36-3 MARPAT 136:96032

(Continued)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN 187233-65-4 187233-65-5 187233-69-8 187233-76-7 187233-77-8 187233-89-2 187233-98 187234-49-7 187234-51-1 187234-57-9 187234-51-1 187234-57-7 214633-81-2 14633-89-2 14633-90-6 214633-97-3 214633-89-2 214633-90-6 214633-97-3 214634-13-6 214634-13-6 214634-14-7 214634-14-7 214634-14-6 214634-25-0 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214634-14-7 214706-6-6-6 214706-6-6 214706-6-6-6 21470 38060-03-5 38060-04-6 38060-05-7 38060-05-7 38060-07-9 38060-01-1 38060-12-6 38060-01-2 38060-01-2 38060-01-2 38060-01-3 38060-12-6 38060-13-7 38060-13-7 38060-14-8 38060-12-6 38060-13-9 38060-21-3 38060-31-3

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
388061-43-6 388061-47-0 388061-52-7
388061-53-8 388061-54-9 388061-55-0
388061-57-2 388061-58-3 388061-59-4
388061-60-7 388061-61-8 388061-62-9
RL: IDMA (Drug mechanism of action); PAC (Pharmacological activity); THU
(Therapeutic use); BIOL (Biological study); USES (Uses)
(triazolopyrimidine derivs. as anticancer agents)
RN 150987-15-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-methylphenyl)- (CA INDEX NAME)

150987-46-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-cyclopentyl (CA INDEX NAME)

RN 150987-48-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl-5-chloro-N-cyclopentyl- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\label{eq:continuous} 150987-75-0 \quad \text{CAPLUS} \\ [1,2,4] \text{Triazolo}[1,5-a] \text{pyrimidin-}7-amine, 5-chloro-N-(1-methylethyl)-}6-[4-(phenylmethoxy)phenyl]- \quad \text{(CA INDEX NAME)}$

150988-18-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-cyclopentyl- (CA INDEX NAME)

150988-20-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chloro-6-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

150988-28-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(4-methoxyphenyl)- (CA INDEX NAME)

187233-25-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

187233-26-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-48-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-49-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-56-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-thiomorpholinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187233-65-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-66-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(4-bromophenyl)-5-chloro-7-(3-methyl-1piperidinyl)- (CA INDEX NAME)

187233-69-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3,4-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F N N

RN 187233-76-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

Me C1 N N

RN 187233-77-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

Me C1 N N N

RN 187233-89-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-yl)-6-

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187234-57-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloro-4-methoxyphenyl)-7(2-methyl-1-piperidinyl)- (CA INDEX NAME)

Me O N Me

RN 187234-59-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[4-(1,1-dimethylethyl)phenyl]-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

t-Bu Ne

RN 187234-61-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2-methyl)-1-piperidinyl)-6-[3(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) phenyl- (CA INDEX NAME)

Ph N N

RN 187233-93-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-[4-(1,1-dimethylethyl)phenyl]7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

RN 187234-49-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloro-4-methoxyphenyl)-7(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

MeO C1 N N N

RN 187234-51-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloro-4-methoxyphenyl)-7-

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F₃C N Me

RN 187234-73-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-nitrophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

NO₂ N

RN 214633-87-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3C-CH2-NH

RN 214633-88-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-90-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

214633-92-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 214633-93-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-14-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-methylphenyl)-N-(2,
methylpropyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

214634-21-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214634-25-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N,N-bis(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214633-97-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

214634-13-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-32-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-5-chlorophenyl)-5-chlorophenyl)-5-(chlorophenyl)-5-(chlorophenyl)-5-(chlorophenyl)-6-(ch

214634-42-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-triffuorophenyl)-N-(2,2,2-triffuoro-1-phenylethyl)- (CA INDEX NAME)

214634-48-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-49-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 214706-54-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-triffluorophenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Et} & \text{CH2} \\ \text{F} & \text{N-CH2-C-Me} \end{array}$$

RN 214706-56-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trifilvorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-64-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 214706-66-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 214706-68-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(4-thiomorpholinyl)-6-(2,4,6trifluorophenyl)- (CA INDEX NAME)

RN 214706-60-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-y1)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-62-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5chloro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-69-1 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-71-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-72-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-77-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-Nmethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $214706-82-8 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(4-methylphenyl)-ethyl]-6-(2,4,6-trifluorophenyl)- \quad (CA INDEX NAME)$

244092-06-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-17-9 CAPLUS [1,2,4]Triarolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-thlomorpholinyl)- (CA INDEX NAME)

244092-18-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

244092-19-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-09-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

244092-12-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,6-difiuoro-4-methoxyphenyl)- (CA INDEX NAME)

244092-15-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(3,6-dihydro-1(2H)-pyridinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-24-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

244092-25-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NA (CA INDEX NAME)

Absolute stereochemistry.

244092-30-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(2-

 $ethoxyethoxy) = 1, 6-difluoropheny \\ 1]-N-(2,2,2-trifluoro-1-methylethy \\ 1)-(2A INDEX NAME)$

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 ${\tt EtO-CH_2-CH_2-O-CH_2-CH_2-O}$

RN 244092-31-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[2-(2methoxyethoxy)ethoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA
INDEX NAME)

сн₂-сн₂-о-сн₂-сн₂-

RN 244092-39-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-diffluoro-4-(2,2,2-trifluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

FaC-CHo-O

244092-46-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-69-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 292035-70-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(hexahydro-1(2H)-azocinyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-71-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
chloro-7-(4-thiomorpholiny1)-6-(2,3,6trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

288619-20-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-difluoro-1-piperidinyl)- (CA INDEX NAME)

288619-22-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7[4-(trifluoromethyl)-1-piperidinyl]- (CA INDEX NAME)

292035-68-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-83-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-chloropropyl)-N-methyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-92-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

RN 329911-38-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,4-difluorophenyl)-N(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

343252-77-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

Me | Et-CH-NH

388059-98-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

388059-99-2 CAPLUS Glycine, N-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N-methyl-, methyl ester (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-03-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-piperidinyl)-6-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 388060-04-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-[4-(1,1-dimethylethyl)phenyl]7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 388060-05-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

 $\label{eq:condition} 388060-00-2 \quad CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,1,3,3-tetramethylbutyl)- \quad (CA INDEX NAME) \\$

RN 388060-01-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(hexahydro-1H-azepin-1-y1)-6-(4-methoxypheny1)- (CA INDEX NAME)

RN 388060-02-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(4-bromophenyl)-5-chloro-7-(hexahydro1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

(Continued)

388060-07-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

 $388060-08-0 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(2,2-dichlorocyclopropyl)methyl]-N-methyl- \quad (CA \quad INDEX NAME)$

RN 388060-09-1 CAPLUS CN 3-Piperidinol, 1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-10-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5chloro-6-(3-chloro-4-methoxyphenyl)- (CA INDEX NAME)

RN 388060-11-5 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluorophenyl)-Ndodecyl- (CA INDEX NAME)

RN 388060-12-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoropheny1)-N-(2-methy1-2-propeny1)-N-2-propeny1- (9CI) (CA INDEX NAME) L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-13-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoropheny1)- (CA INDEX NAME)

RN 388060-14-8 CAPLUS (1,2,4)Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3-chloro-4-methoxyphenyl)-N-cycloheptyl- (CA INDEX NAME)

RN 388060-15-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3-chloro-4-methoxyphenyl)-7-(3,3-dimethyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 38860-16-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(3,6-difluorof(2R)-pyridinyl)- (CA INDEX NAME)



EN 388060-17-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7(hexahydro-1(2H)-azocinyl)- (CA INDEX NAME)

RN 388060-18-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-chlor-6-filuorophenyl)-5-methoxy-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

FN 388060-19-3 CAPLUS
CN 4-Piperidinol, 1-[5-chloro-6-(2,6-difluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

RN 388060-20-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-chloro-1-piperidiny1)-6(2,6-difluoropheny1)- (CA INDEX NAME)

RN 388060-21-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(2,4-dimethyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-23-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(2,5-dihydro-1H-pyrrol-1-yl)- (CA INDEX NAME)

RN 388060-24-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2,5-d-thydro-2,5-d-thethyl-1H-pyrrol-1-yl)- (CA INDEX NAME)

RN 388060-25-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(2-ethyl-1H-imidazol-1-yl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-29-5 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(4-methoxyphenyl)-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 388060-30-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(4-thlomorpholinyl)- (CA INDEX NAME)

RN 388060-31-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(4-chloro-1-piperidiny1)-6-[2(trifluoromethy1)pheny1]- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-26-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
7-(4-bromo-1-piperidiny1)-5-chloro-6-(2chloro-6-fluoropheny1)- (CA INDEX NAME)

RN 388060-27-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methylphenyl)-7-(4-thiomorpholinyl)- (CA INDEX NAME)

RN 388060-28-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromopheny1)-5-chloro-N-(1-methylpropy1)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-32-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4-bromo-1-piperidinyl)-5-chloro-6-(2,6-difluorophenyl)- (CA INDEX NAME)

RN 388060-33-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 7-(4-bromo-1-piperidiny1)-5-chloro-6-(2chloropheny1)- (CA INDEX NAME)

RN 388060-35-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-[4-(1-methylethyl)-1-piperidinyl]- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-36-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,4-dimethyl-1-piperidinyl)6-(4-methoxyphenyl)- (CA INDEX NAME)

RN 388060-37-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Et} & \text{CH2} \\ \text{N-CH2-C-Me} \\ \end{array}$$

RN 388060-38-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(hexahydro-1H-azepin-1-y1)-6-

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-43-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-[4-(methylthio)phenyl]- (CA INDEX NAME)

RN 388060-44-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-[4-(methylthio)phenyl]- (9CI) (CA INDEX NAME)

RN 388060-45-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-[4-(methylthio)phenyl]- (CA INDEX NAME) L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) (4-nitrophenyl) - (CA INDEX NAME)

RN 388060-40-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trimethylphenyl)- (9CI) (CA INDEX NAME)

RN 388060-41-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methoxyphenyl)-n-(2-methyl-2-propenyl)- (9C1) (CA INDEX NAME)

RN 388060-42-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-hexyl- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 388060-46-6 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidine, 5-chloro-6-[4-(methylthio)phenyl]-7-(4-thiomorpholinyl)- (CA INDEX NAME)

RN 388060-47-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-dichloro-4(trifluoromethyl)phenyl]-7-[4-methyl-1-piperidinyl]- (CA INDEX NAME)

RN 388060-48-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-49-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-dimethyl-1-piperidinyl)- (CA INDEX NAME)

388060-51-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-dichloro-4-(trifluoromethy1)pheny1]-N-ethy1-N-(2-methy1-2-propeny1)- (9CI) (CA

NAME)

$$\begin{array}{c|c} & \text{Et} & \text{CH2} \\ & \text{N} - \text{CH2} - \text{C-Me} \end{array}$$

388060-53-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-[2,6-dichloro-4-(trifluoromethyl)phenyl]-7-(4-thiomorpholinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-63-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-hexyl-N-2-propenyl- (9CI) (CA INDEX NAME)

н2С== Сн− Сн2 N- (CH₂) 5-Me

RN 388060-64-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-[4-(trifluoromethoxy)phenyl]- (CA INDEX NAME)

RN 388060-65-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(4-phenoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-54-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3,5-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

388060-57-9 CAPLUS Benzenamine, 4-[5-chloro-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]- (CA INDEX NAME)

 $\begin{array}{lll} 388060-59-1 & \text{CAPLUS} \\ \text{Acetamide, N-}[4-[5-\text{chloro-}7-(4-\text{methyl-}1-\text{piperidinyl})[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]phenyl]- & (CA INDEX NAME) \\ \end{array}$

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-66-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(cyclopropylmethyl)-N-propyl- (CA INDEX NAME)

RN 388060-67-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-piperidinyl)-6-(4-phenoxyphenyl)- (CA INDEX NAME)

RN 388060-68-2 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4-nitrophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-69-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chloro-2,3,5,6-tetrafluorophenyl)-N-cyclopentyl- (CA INDEX NAME)

388060-70-6 CAPLUS
Benzenamine, 4-(5-chloro-2-methyl-7-(4-methyl-1piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-N,N-dimethyl- (CA INDEX

NAME)

388060-72-8 CAPLUS

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-78-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 388060-79-5 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(pentafluorophenyl)-N(1,2,2-trimethylpropyl)- (9CI) (CA INDEX NAME)

388060-80-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4nitrophenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

388060-74-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-ethoxy-2,3,5,6-tetrafluorophenyl) - (CA INDEX NAME)

388060-76-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-butyl-5-chloro-N-ethyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

388060-77-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-chloro-6-fluorophenyl)-5(difluoromethoxy)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-82-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

388060-83-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,5-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

388060-84-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

t-Bu-CH-

388060-85-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 388060-86-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-N-methyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

RN 388060-87-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,2-dimethylpropyl)-Nmethyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-94-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(3,3,3-trifluoropropyl)- (CA INDEX NAME)

F3C-CH2-CH2-

388060-95-5 CAPLUS

CN Phenol,
4-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazol
o[1,5-a]pyrimidin-6-yl]-2,5-difluoro- (CA INDEX NAME)

388060-97-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-88-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(3,3,3-trifluoropropyl)- (CA INDEX NAME)

F3C-CH2-CH2-NH

RN 388060-89-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-fluoro-4-nitrophenyl)-7-(4methyl-1-piperidinyl)- (CA INDEX NAME)

RN 388060-93-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(IR)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388060-99-9 CAPLUS
Hexanoic acid, 6-[4-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (CA INDEX NAME)

-(CH₂)₅-HO2C

388061-00-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[2-[(trifluoromethyl)thio]phenyl]- (CA INDEX NAME)

388061-01-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[4-(trifluoromethyl)phenyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-02-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(4,4,4-trifluoro-2-methylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{F} \\ \text{NH-CH}_2\text{-CH-CH}_2\text{-CF}_3 \\ \\ \text{F} \\ \text{C1} \\ \text{N} \\ \end{array}$$

388061-03-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(3-methyl-3-butenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & \text{MeC} & \text{F} & \text{NH-CH}_2\text{--CH}_2 \\ \hline & \text{N} & \text{N} & \text{N} \\ \hline & \text{F} & \text{C1} & \text{N} & \text{N} \end{array}$$

388061-07-2 CAPLUS

RN 388001-07-2 GREED COMPhenol, 4-[5-chloro-]-[(2,2,2-trifluoro-]-methylethyl)amino][1,2,4]triazol o[1,5-a]pyrimidin-6-yl]-3,5-difluoro- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-12-9 CAPLUS Ethanol, 2-[2-[3-chloro-4-[5-chloro-7-[(2,2,2-trifluoro-1-methylethyl)amino][1,2,4]triazolo[1,5-a]pyrimidin-6-y1]-5-fluorophenoxy]-thoxy]- (CA INDEX NAME)

388061-13-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

388061-14-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(4-chlorophenyl)methyl]- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-08-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(3-furanylmethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX

388061-09-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(1,2-dimethylpropyl)- (CA INDEX NAME)

388061-11-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-15-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7[4-(2-pyridinyl)-1-piperazinyl]- (CA INDEX NAME)

388061-16-3 CAPLUS [1,2,4]Triaxolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-ethylpentyl)- (CA INDEX NAME)

388061-17-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN [4-(2-chlorophenyl)-1-piperazinyl]- (CA INDEX NAME) (Continued)

388061-18-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7[4-(4-methoxyphenyl)-3-methyl-1-piperazinyl]- (CA INDEX NAME)

RN

388061-21-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-dichlorophenyl)-N,N-diethyl- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-27-6 CAPLUS
1,4-Dioxa-8-azaspiro[4.5]decan-8-amine, N-[5-chloro-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

RN 388061-32-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(3,4-difluorophenyl)-N(1-methylethyl)- (CA INDEX NAME)

388061-33-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-6-(4-bromopheny1)-N,N-dimethyl- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

388061-22-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4-dichlorophenyl)- (CA INDEX NAME)

(Continued)

388061-23-2 CAPLUS 1,4-Dloxa-8-amine, N-[5-chloro-6-(2-chloro-6-fluoropheny1)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

388061-24-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine-5-carbonitrile, 6-(2-chloro-5-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-34-5 CAPLUS [1,2,4]Triazolo [1,5,4]Eyrimidin-7-amine, 5-bromo-N,N-dimethyl-6-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

388061-35-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3,4-difluorophenyl)-N,N-dimethyl- (CA INDEX NAME)

388061-36-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

388061-37-8 CAPLUS
Glycine, N-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]-, ethyl ester (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-39-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, loro-6-(2,5-difluorophenyl)-N-(3-methyl-3-butenyl)- (9CI) (CA INDEX NAME)

388061-40-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(2-ethyl-1H-imidazol-1-yl)- (CA INDEX NAME)

388061-41-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-[4-(methylthio)phenyl]- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061-53-8 CAPUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluoropheny1)-7-[4,5-dihydro-2-(phenylmethy1)-1H-imidazol-1-y1]- (CA INDEX NAME)

388061-54-9 CAPLUS
1,5-Pentanediamine, N'-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-N,N-diethyl- (9CI) (CA

INDEX NAME)

RN 388061-55-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-methyl-3-butenyl)-6-phenyl- (9Cl) (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

308061-43-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)

388061-47-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(4-methyl-3-nitrophenyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $\label{eq:continuous} 388061-52-7 \quad \texttt{CAPLUS} \\ [1,2,4]\texttt{Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[(3,4,5-trimethoxyphenyl)methyl]- \quad (CA INDEX NAME) \\ [3,4,5-trimethoxyphenyl)methyl]- \quad (CA INDEX NAME) \\ [4,4,5]-[4,4,5]$

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $388061-57-2 \quad CAPLUS \\ [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-N-[(2,2-dichlorocyclopropyl)methyl]-6-(3,4,5-trimethoxyphenyl)- \\ (CA INDEX NAME) \\ (CA INDEX NAME$

388061-58-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methylphenyl)- (CA INDEX NAME)

388061-59-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-(1,1-dimethylethyl)phenyl]-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

388061_60_7 CAPLUS

Jacobieco-, CREDS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[(3-methyl-3-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI)

INDEX NAME)

$$\begin{array}{c} \text{CH}_2 \\ \text{Me} \\ \text{C-CH}_2 \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{C} \\$$

388061-61-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(1-propenyloxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)

388061-62-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-tricyclo[2.2.1.02,6]hept-1-yl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 166 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB A method is provided for treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof which comprises administering to the mammal an effective amount of a substituted triazolopyrimidine derivative or a pharmaceutically acceptable salt thereof.

Also provided is a method for treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof by interacting with tubulin and microtubules and promoting microtubule polymerization which comprises administering to the mammal an effective amount of a substituted triazolopyrimidine derivative or a pharmaceutically acceptable salt thereof.

ANSWER 167 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CAPLUS COPYRIGHT 2008 ACS on STN 2001:923802 CAPLUS 136:37624 Preparation of fungicidal triazolopyrimidin-7-ylideneamines Pfrengle, Waldemar Baaf Aktiengesellschaft, Germany PCT Int. Appl., 25 pp. CODEN: PIXXD2 Patent English 1 ACCESSION NUMBER: DOCUMENT NUMBER:

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | | | | | | | | DATE | | APPLICATION NO. | | | | | | | | | |
|---------|---------------|-------|------|--------------|-----|-------|----------------|----------------|----------------|-----------------|------|-------|----------|----------|----------|-----|------|-----|--|
| | WO 2001096341 | | | | A2 | | 20011220 | | WO 2001-EP6564 | | | | | | | | | | |
| Wo | WO 2001096341 | | | 2001 22 0304 | | | | | | | | | | | | | | | |
| | | | | | | | | AII. | AZ. | BA. | BB. | , BG, | BR. | BY. | BZ. | CA. | CH. | CN. | |
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| | | | | | | | | | | | | MW, | | | | | | | |
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| | | RW: | GH. | GM. | KE. | LS. | MW. | MZ. | SD. | SL. | SZ. | TZ. | UG. | ZW. | AT. | BE. | CH. | CY. | |
| | | | DE, | DK, | ES, | FI, | FR, | GB, | GR, | IE, | IT, | LU, | MC, | NL, | PT, | SE, | TR, | BF, | |
| | | | ВJ, | CF, | CG, | CI, | CM, | GA, | GN, | GW, | ML | MR, | NE, | SN, | TD, | TG | | | |
| EI | 2 1 | 12899 | 995 | | | A2 | | 2003 | 0312 | | EP : | 2001- | 9564 | 67 | | 2 | 0010 | 611 | |
| EI | 2 1 | 12899 | 995 | | | B1 20 | | | 20051221 | | | | | | | | | | |
| | | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR, | , IT, | LI, | LU, | NL, | SE, | MC, | PT, | |
| | | | IE, | SI, | LT, | LV, | FI, | RO, | MK, | CY, | AL, | TR | | | | | | | |
| JI | JP 2004503554 | | | T 20040205 | | | JP 2002-510483 | | | | | | 20010611 | | | | | | |
| | AT 313544 | | | T 20060115 | | | 0115 | AT 2001-956467 | | | | | | 20010611 | | | | | |
| ES | 3 2 | 22534 | 406 | | | Т3 | | 2006 | 0601 | ES 2001-1956467 | | | | | 20010611 | | | | |
| US | 3 2 | 20030 | 0833 | 28 | | A1 | | 2003 | 0501 | | US 3 | 2001- | 8792 | 58 | | 2 | 0010 | 612 | |
| US | 3 6 | 57470 | 033 | | | B2 | | 2004 | 0608 | | | | | | | | | | |
| PRIORIT | Υ | APPI | IN. | INFO | . : | | | | | | US : | 2000- | 2111 | 68P | | P 2 | 0000 | 613 | |
| | | | | | | | | | | | WO : | 2001- | EP65 | 64 | | W 2 | 0010 | 611 | |

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(Continued) L11 ANSWER 167 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

GI

The title compds. [I; R1 = alkyl, alkoxyalkyl, cycloalkylalkyl, etc. (group being attached either to the N in the 3- or 4-position); R2 = H, alkyl, alkenyl, etc.; R3 = Ph, cycloalkyl, 5-6 membered heteroaryl

alkyl, alkenyl, etc.; R3 = FM, cycloaixyl, --- members and one S or O atoms are stored atoms and one S or O atom as ring members; R4 = halo, NH2, alkoxy, etc.], useful for controlling harmful fungi, were prepared Thus, methylation of 5-chloro-6-(2,4,6-trifluorophenyl)-7-(1,1,1-trifluoropheny-2-ylamino)-triazolo[1,5-a]pyrimidine with MeI in the presence of KHCO3 in DMF afforded a mixture of 3-methyl- and 4-methyl-1 [R1 = Me; R2 = 1,1,1-trifluoroprop-2-yl; R3 = 2,4,6-F3C6H2; R4 = C1]. Biol. data for exemplified compds. I were given.

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 2001:719089 CAPLUS
TITLE: 155:253253
INVENTOR(S): Pees, Klaus-juergen; Albert, Guido
American Cyanamid Co., USA
SOURCE: US., 11 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
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DOCUMENT TYPE: Patent
DOCUME

English

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE US 6297251 PRIORITY APPLN. INFO.: В1 20011002 US 1999-457250 19991208

| FRIORIII AFFLM. 1. | MIO.: | | 03 1333-4 | 7230 | 1 |
|--------------------|---------------|----------------|-----------|-----------|------|
| OTHER SOURCE(S): | MARPA: | r 135:253253 | | | |
| IT 214633-89-3P | 214633-94-0P | 214633-98-4P | | | |
| 214634-06-7P | 214634-13-6P | 214634-17-0P | | | |
| 214634-21-6P | 214634-29-4P | 214634-31-8P | | | |
| 214634-42-1P | 214634-43-2P | 214634-48-7P | | | |
| 214706-52-2P | 214706-53-3P | 214706-54-4P | | | |
| 214706-55-5P | 214706-56-6P | 214706-57-7P | | | |
| 214706-58-8P | 214706-59-9P | 214706-60-2P | | | |
| 214706-61-3P | 214706-62-4P | 214706-63-5P | | | |
| 214706-64-6P | 214706-65-7P | 214706-66-8P | | | |
| 214706-67-9P | 214706-68-0P | 214706-69-1P | | | |
| 214706-70-4P | 214706-71-5P | 214706-72-6P | | | |
| 214706-73-7P | 214706-74-8P | 214706-75-9P | | | |
| 214706-76-0P | 214706-77-1P | 214706-78-2P | | | |
| 214706-79-3P | 214706-80-6P | 214706-81-7P | | | |
| 214706-82-8P | 214706-83-9P | 214706-84-0P | | | |
| 214706-85-1P | 214706-86-2P | 214706-87-3P | | | |
| 214706-88-4P | 214706-89-5P | 214706-90-8P | | | |
| 214706-91-9P | 214706-92-0P | 214706-93-1P | | | |
| 214706-94-2P | 293310-89-1P | | | | |
| RL: BAC (Bio | logical activ | ity or effecto | r. except | adverse): | BSII |

RL: BAC (Biological activity or effector, except adverse); BSU (Biological $\,$

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-94-0 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214633-98-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-propenyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN

214634-06-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-13-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $\label{eq:control_control} 214634-17-0 \quad \text{CAPLUS} \\ [1,2,4] \texttt{Triazolo}[1,5-a] pyrimidin-7-amine, 5-chloro-N-methyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- \quad \text{(CA INDEX NAME)} \\$

214634-21-6 CAPLUS [1,2,4]Triazol[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-29-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-bis(2,2,2-trifluorophenyl)- (CA INDEX NAME)

RN 214634-31-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluoroethyl)6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

214634-42-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

EN 214634-43-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluoromenyl)- (CA INDEX NAME)

RN 214634-48-7 CAPLUS
CN [1,2,4]Tiazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-52-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-56-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-57-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-58-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-54-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifilorophenyl)- (9CI) (CA INDEX NAME)

RN 214706-55-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-59-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-thiomorpholiny1)-6-(2,4,6trifluorophenyl)- (CA INDEX NAME)

RN 214706-60-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(hexahydro-1H-azepin-1-y1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

RN 214706-61-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-2-propenyl-6(2,4,6-trifluorophenyl)- (9Cl) (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-62-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-63-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,6-dihydro-1(2H)-pyridiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

RN 214706-64-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-65-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-66-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

RN 214706-67-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-68-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9C1) (CA INDEX NAME)

RN 214706-69-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-70-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-71-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-72-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-73-7 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-N-methyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F N-Me

FN 214706-74-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F C1 N N

RN 214706-75-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(trimethylsily)methyl]- (CA INDEX NAME)

F NH-CH2-SiMe3

RN 214706-76-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chlor-N-(1,4-dimethylpentyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F C1 N N

RN 214706-80-6 CAPLUS CN 3-Pyrrolidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrmidin-7-yl]- (CA INDEX NAME)

F C1 N N

RN 214706-81-7 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(3-fluorophenyl)=thyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

CH2
CH2
FF NH

RN 214706-82-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(4-methylphenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me NH-CH-CH₂-CH₂-CHMe₂

RN 214706-77-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-Nmethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Me Me
F N-CH-Pr-i

RN 214706-78-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F C1 N N N

RN 214706-79-3 CAPLUS CN 3-Piperidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F C1 N

RN 214706-83-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[4-(1,1-dimethylethyl)cyclohexyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

t-Bu

F C1

RN 214706-84-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3,4-dihydro-1(2H)-pyridinyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F C1 N N

RN 214706-85-1 CAPLUS CN 2-Propanol, 1-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN a]pyrimidin-7-yl]amino]- (CA INDEX NAME) (Continued)

$$\begin{array}{c} \text{OH} \\ \text{F} \\ \text{F} \end{array}$$

214706-86-2 CAPLUS
4-Piperidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

214706-87-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpentyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-88-4 CAPLUS
CN 4-Piperidinemethanol,
1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo
[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-92-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-pyrrolidiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

214706-93-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dimethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-94-2 CAPLUS 1,5-Dioxa-9-acapiro[5.5]undecane, 9-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-89-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(3-methylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-90-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,1,3,3-tetramethylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-91-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(1-methylethyl)butyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN CN

293310-89-1 CAPLUS $\begin{tabular}{ll} 233310-89-1 & CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(5-chlorotricyclo[2.2.1.02,6]hept-3-y1)-6-(2,4,6-trifluorophenyl)- (9CI) \\ \end{tabular}$

(CA INDEX NAME)

GI

The compds. I [R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, or heterocyclyl other than (un)substituted 2,2,2-trifluoroethyl, or R1 and

with interjacent N = (un)substituted heterocyclic ring; Hal = halo, provided that Hal is other than Cl when Rl = (un)branched Cl-6alkyl or C3-6cycloalkyl, and R2 = H, or when Rl and R2 with interjacent N = (un)substituted piperidine] are used as active ingredients in selective

L11 ANSWER 168 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) fungicidal compns., which also comprise a carrier. The compds. I are prepd. by treating the compds. II (Hal = halo) with an amine (R1) (R2) NH (R1, R2 as defined above).

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:614328 CAPLUS
DOCUMENT NUMBER: 155:176724
TITLE: Synergistic fungicidal mixtures containing azolopyrimidine and synthetic strobilurine derivative.

INVENTOR(S): Gunter; Cotter, Henry Van Tuyl; May, Leslie; Reichert,

PATENT ASSIGNEE(S):

Sieverding, Ewald American Cyanamid Co., USA U.S., 15 pp. CODEN: USXXAM Fatent English 1 DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------------|------|----------|-------------------|----------|
| | | | | | |
| | US 6277856 | B1 | 20010821 | US 1999-404910 | 19990924 |
| | US 6518275 | B1 | 20030211 | US 2001-809512 | 20010315 |
| | US 2003206968 | A1 | 20031106 | US 2002-314594 | 20021210 |
| | US 6699874 | B2 | 20040302 | | |
| PRIC | RITY APPLN. INFO.: | | | US 1998-101769P P | 19980925 |
| | | | | US 1999-404910 A3 | 19990924 |
| | | | | | |

OS 2001-809912 A3

OTHER SOURCE (S):

187233-48-3D, mixture with synthetic strobilurine derivative 214633-87-1D, mixture with synthetic strobilurine derivative 214633-94-0D, mixture with synthetic strobilurine derivative 261516-01-2 261516-02-3 261516-03-4 261516-04-5 261516-06-7 261516-07-8 261516-08-9 261516-07-8 261516-10-3 261516-11-4 261516-12-5 261516-10-3 261516-11-7 261516-13-6 261516-14-7 261516-13-6 261516-12-5 261516-12-5 261516-20-5 2

355385-86-3 355386-03-7
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal mixts. containing)
187233-48-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-87-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

CM 1 CRN 187233-48-3 CMF C17 H16 C12 F N5 L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 67564-91-4 CMF C20 H33 N O

Relative stereochemistry.

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 107534-96-3 CMF C16 H22 C1 N3 O

261516-03-4 CAPLUS 2,4-Oxazolidinedione, 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 187233-48-3 CMF C17 H16 C12 F N5

CM 2

CRN 50471-44-8 CMF C12 H9 C12 N O3

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

261516-04-5 CAPLUS Carbanic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester, mit. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 187233-48-3 CMF C17 H16 C12 F N5

CM

CRN 17804-35-2 CMF C14 H18 N4 O3

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 261516-06-7 CAPLUS
CN Cyclopentanol,
5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol1-ylmethyl)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amime (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 125116-23-6 CMF C17 H22 C1 N3 O

RN 261516-07-8 CAPLUS

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L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzeneacetic acid, a-(methoxyimino)-2-[(2-methylphenoxy)methyl]-,
methyl ester, (ac)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-Imethylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

261516-08-9 CAPLUS 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-phenyl-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 5234-68-4 CMF C12 H13 N O2 S

261516-09-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 3-chloro-N-[3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl]-5-(trifluoromethyl)-2-pyridinamine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 79622-59-6

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

261516-11-4 CAPLUS Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt. with 5-dhoro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 57837-19-1 CMF C15 H21 N O4

RN 261516-12-5 CAPLUS CN 2,4-Oxazolidinedione, 5-methyl-5-(4-phenoxyphenyl)-3-(phenylamino)-, mixt.

with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CMF C13 H4 C12 F6 N4 O4

261516-10-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 5,7-dichloro-4-(4-fluorophenoxy)quinoline (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 124495-18-7 CMF C15 H8 C12 F N O

(Continued) L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CRN 131807-57-3 CMF C22 H18 N2 O4

NHPh

RN 261516-13-6 CAPLUS
CN Guanidine, dodecyl-, monoacetate, mixt. with
5-chloro-N-(2,2,2-trifluoro-1methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 2439-10-3 CMF C13 H29 N3 . C2 H4 O2 *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 261516-15-8 CAPLUS 261516-15-8 CAPLUS 261516-15-8 CAPLUS 261516-15-8 CAPLUS 27.2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with sulfur (9CI) (CA INDEX NAME) CM 3 CRN 112-65-2 CMF C13 H29 N3 CM 1 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 CM 4 CRN 64-19-7 CMF C2 H4 O2 261516-14-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with copper chloride oxide hydrate (9CI) (CA INDEX NAME) CRN 7704-34-9 CMF S CM 1 s CRN 214633-94-0 CMF C14 H8 C1 F6 N5 261516-16-9 CAPLUS Formanide, N,N'-[1,4-piperazinediylbis(2,2,2-trichloroethylidene)]bis-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX) CM 1 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 CM 2 CRN 1332-40-7 CMF Unspecified L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 121552-61-2 CMF C14 H15 N3 261516-18-1 CAPLUS
Naphtho[2,3-b]-1,4-dithiin-2,3-dicarbonitrile, 5,10-dihydro-5,10-dioxo-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME) CRN 26644-46-2 CMF C10 H14 C16 N4 O2 ин-сно CM 1 ch-ccl3 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 CH-CC13 RN 261516-17-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with
4-cyclopropyl-6-methylN-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME) CM 2 CM 1 CRN 3347-22-6 CMF C14 H4 N2 O2 S2 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 RN 261516-19-2 CAPLUS
CN 1H-Isoindole-1,3(2H)-dione,
3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio], mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CRN 133-06-2 CMF C9 H8 C13 N O2 S

261516-20-5 CAPLUS
1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-, mixt. with
5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 74738-17-3 CMF C11 H6 C12 N2

261516-22-7 CAPLUS Cyclohexanecarboxamide, N-(2,3-dichloro-4-hydroxyphenyl)-1-methyl-, mixt.with 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX

CM 1

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 126833-17-8 CMF C14 H17 C12 N O2

RN 261516-23-8 CAPLUS

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L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 1897-45-6 CMF C8 C14 N2

261516-21-6 CAPLUS 1H-Pyrrole-3-carbonitrile, 4-(2,3-dichlorophenyl)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzeneacetic acid, 2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]-α(methoxymethylene)-, methyl ester, (αΕ)-, mixt. with
5-chloro-H-[(18)-2, 2, 2-trifluoro-1-methylethyl]-6-(2, 4, 6trifluorophenyl)[1, 2, 4]triazolo[1, 5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 131860-33-8 CMF C22 H17 N3 O5

Double bond geometry as shown.

261516-24-9 CAPLUS Benzeneacetic acid, α -(methoxyimino)-2-[[[E]-[1-[3-(trifluoromethyl]phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, (αE) -, mixt. with 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

Absolute stereochemistry.

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 141517-21-7 CMF C20 H19 F3 N2 O4

Double bond geometry as shown.

RN 261516-25-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)-, mixt. with
4,6-dimethyl-N-phenyl2-pyrimidinamine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-87-1 CMF C13 H7 C12 F4 N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 94361-06-5 CMF C15 H18 C1 N3 O

RN 261516-28-3 CAPLUS
CN Cyclopentanol,
5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-

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L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 53112-28-0 CMF C12 H13 N3

261516-26-1 CAPLUS Benzeneacetic acid, α -(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, (αE) -, mixt. with 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

Absolute stereochemistry.

CM 2

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
1-ylmethyl)-, mixt. with
5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

2 CM

CRN 125116-23-6 CMF C17 H22 C1 N3 O

RN 261516-29-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)-, mixt. with
rel-1-[[(2R,38)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

261516-30-7 CAPLUS Benzeneacetic acid, α -(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, (α E)-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

RN 261516-31-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)-, mixt. with
1-[[2-(2,4-dichlorophenyl)-4-propyl1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 60207-90-1 CMF C15 H17 C12 N3 O2

Cl

355385-86-3 CAPLUS 2-Pyrimidinamine, 4-cyclopropyl-6-methyl-N-phenyl-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

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L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 121552-61-2 CMF C14 H15 N3

NHPh

355386-03-7 CAPLUS
Manganese, [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)KS,KS']-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7amine and [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)KS,KS']zinc (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 12427-38-2 CMF C4 H6 Mn N2 S4 CCI CCS

NH-CH2-CH2-NH-CS2-

L11 ANSWER 169 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 12122-67-7 CMF C4 H6 N2 S4 Zn CCI CCS

GI

A synergistic fungicidal compns. comprise (a) at least one

azolopy:imidine
I (R1 = C1-6 alkyl, C3-6 alkenyl, C1-6 haloalkyl; or R2 = H, C1-6 alkyl,
or R172 = C3-8 alkylene; L1 = halo; L2, L3 = H, halo) and (b) a synthetic
strobilurine derivative The compns. are used for controlling wheat leaf

rust,
wheat Septoria leaf blotch and/or wheat powdery mildew.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 170 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 115852-48-7 CMF C15 H18 C12 N2 O2

261967-29-7 CAPLUS Propanamide, N-(1-cyano-1,2-dimethylpropyl)-2-(2,4-dichlorophenoxy)-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX

CM 1

CRN 150988-19-5 CMF C14 H12 C12 F N5

CM 2

CRN 115852-48-7 CMF C15 H18 C12 N2 O2

261967-30-0 CAPLUS Propanamide, N-(1-cyano-1,2-dimethylpropyl)-2-(2,4-dichlorophenoxy)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CRN 214633-94-0

Page 332

L11 ANSWER 170 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:560065 CAPLUS
DOCUMENT NUMBER: 135:118256
TITLE: Synergistic fungicidal mixtures comprising

Synergistic fungicidal mixtures comprising azolopyrimidine and phenoxyamide derivatives Sleverding, Ewald; May, Leslie American Cyanamid Co., USA U.S., 7 pp. CODEN: USXXMM

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: English

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|----------------------|------|----------|-------------------|----------|
| | | | | | |
| | US 6268371 | B1 | 20010731 | US 1999-391794 | 19990909 |
| | US 2002111380 | A1 | 20020815 | US 2001-832964 | 20010411 |
| | US 6656944 | B2 | 20031202 | | |
| PR | IORITY APPLN. INFO.: | | | US 1998-99780P P | 19980910 |
| | | | | US 1999-391794 A3 | 19990909 |

CRN 187233-48-3 CMF C17 H16 C12 F N5

CM 2

L11 ANSWER 170 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CMF C14 H8 C1 F6 N5 (Continued)

CRN 115852-48-7 CMF C15 H18 C12 N2 O2

AB The title mixts. comprise 5-chloro-6-(2,4,6-trifluorophenyl)-7-(1,1,1-trifluoroprop-2-ylamino)-[1,2,4]triazolo[1,5-a]pyrimidine or a retaled azolopyrimidine and a melanin biosynthesis inhibitor (MBI), preferably a N-(1-cyano-1,2-dimethylpropyl)-2-(2,4-dichlorophenoxy)propionamide or a related phenoxyamide. The mixts. are especially useful for controlling Pyricularia ozyzae in rice.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 171 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2001:480706 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 135:61350

TITLE:

INVENTOR(S):

135;6:1350
Preparation of 5-halo-6-phenyl-7-N-(2,2,2-trifluoroethylamino)-1,2,4-triazolo[1,5-a]pyrimidine agrochemical fungicides
Pees, Klaus-Juergen; Krummel, Guenter; Cotter, Henry
Van Tuyl; Albert, Guido; Rehnig, Annerose; May,
Leslie; Pfrengle, Waldemar
American Cyanamid Co., USA
U.S., 6 pp.
CODEN: USXXAM

PATENT ASSIGNEE(S):

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PATENT NO. | KIND | DATE | AP: | PLICATION NO. | | DATE |
|-------|-------------------|------|----------|-----|---------------|----|----------|
| | | | | | | - | |
| 1 | US 6255309 | B1 | 20010703 | US | 1999-272916 | | 19990319 |
| 1 | US 2003055069 | A1 | 20030320 | US | 2001-840488 | | 20010423 |
| 1 | US 7084146 | B2 | 20060801 | | | | |
| PRIOR | ITY APPLN. INFO.: | | | US | 1997-43820P | P | 19970414 |
| | | | | US | 1999-272916 | АЗ | 19990319 |

214634-36-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-nitrophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER:

DOCUMENT NUMBER: TITLE: INVENTOR(S):

CAPLUS COPYRIGHT 2008 ACS on STN 2001:410426 CAPLUS 135:15432 Fungicidal trihalophenyl-triazolopyrimidines Pees, Klaus-juergen Germany U.S., 10 pp., Cont.-in-part of U.S. Ser. No. 160,568. CODEN: USXXAM Patent English PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-------------------|----------|
| | | | | |
| US 6242451 | B1 | 20010605 | US 1999-405413 | 19990924 |
| US 5985883 | A | 19991116 | US 1998-160568 | 19980925 |
| PRIORITY APPLN. INFO.: | | | US 1998-101764P P | 19980925 |
| | | | US 1998-160568 A2 | 19980925 |

OTHER SOURCE(S): MARPAT 135:15432
IT 249890-96-8P 249890-97-9P 249890-98-0P 249890-99-IP 249891-00-7P 249891-01-8P 249891-02-9P 249891-06-2P 249891-06-3P 263333-86-4P 329911-40-2P 24982-72-72-9 34355-74-2P 34355-74-2P 249891-06-3P 263333-86-4P 329911-40-2P 343252-72-2P 343252-73-3P 343252-73-4P 343252-75-5P 343252-76-6P 343252-77-PP 343252-80-8P 34325

249890-97-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

L11 ANSWER 171 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-08-8 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

AB The title compds. (I; R1 = hydrogen, methyl; R2 = hydrogen, C1-10 alkyl;

= halogen; L1-L5 = hydrogen, halogen, alkyl, alkoxy; nitro; provided that at least one of L1-L5 = nitro or alkoxy, and further provided that when

L3 L3
= alkoxy then L2 and L4 ≠ hydrogen), useful as agrochem. fungicides
(no data), are prepared Thus, 2,2,2-trifluoroethylamine was reacted with
5,7-dichloro-6-(4-methoxyphenyl)-1,2,4-triazolo[1,5-a]pyrinidine, forming
5-Chloro-6-(4-methoxyphenyl)-7-N-(2,2,2-trifluoroethylamino)-1,2,4
triazolo[1,5-a]pyrimidine, m.p. 183-185°.

REFERRENCE COUNT:

RECORD. ALL CITATIONS AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

249890-98-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249890-99-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl-1-piperidinyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249891-00-7 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

249891-01-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249891-02-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

249891-05-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

(Continued)

RN 263333-86-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

329911-40-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

343252-72-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,6-dichloro-4-fluorophenyl)- (CA INDEX NAME)

343252-73-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

343252-74-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

343252-75-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N,N-diethyl- (CA INDEX NAME)

343252-76-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

343252-77-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN fluorophenyl)-N-(1-methylpropyl)- (CA INDEX NAME) (Continued)

343252-78-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,6-dichloro-4-fluorophenyl)- (CA INDEX NAME)

343582-79-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluozophenyl)-N-cyclopentyl- (CA INDEX NAME)

RN 343252-80-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

343252-84-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

343252-85-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chioro-6-(2-chioro-4,6-difluorophenyl)- (CA INDEX NAME)

Page 335

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 7-(4-methyl-1-piperidinyl)- (CA INDEX NAME) (Continued)

343252-81-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3С-СН2-№Н , C1

343252-82-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-diffluorophenyl)-N.N-diethyl- (CA INDEX NAME)

343252-83-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 172 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
AB Trihalophenyl-triazolopyrimidines I (R1, R2 = H, or an optionally
substituted alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl,
heteroaryl, cycloalkyl, bicycloalkyl or heterocyclyl group, or R1 and R3
together with the interjacent nitrogen atom represent an optionally
substituted heterocyclic ring; R3, R4, K5 = F, Cl, provided that at least
one of R3, R4 and R5 is Cl; X = halogen atom.) showing selective
prepared
The new compds. are processed with carriers and, optionally, an adjuvant
to provide fungicidal compns.
RECERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 173 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2001:380317 CAPLUS COPYRIGHT 2008 ACS ON STN ACCESSION NUMBER: 134:362757

Nonaqueous concentrated spreading oil for rice blast TITLE:

Nonaqueous concentrated spreading oil for rice blast control Aven, Michael; Hasui, Hidaeki; Motoyoshi, Masatoshi Basf Corp., USA; Basf A.-G. PCT Int. Appl., 21 pp. CODEN: PIXXD2 Patent INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

English

FAMILY ACC. NUM. COUNT:

| PATENT | 1 - | INFORI | MATI | JIV : | | | | | | | | | | | | | | | |
|--------|-----|--------|-------|-------|-----|-----|----------------------------|------|------|--------------------------------|-----|----------|-----|-------|-----------|-----|-----|------|------|
| I | | ENT I | | | | | | DATE | | | API | PLIC | CAT | ION I | NO. | | Ε | ATE | |
| | | | | | | | | | | | | | | | | | | | |
| Į. | OW | 2001 | 0357 | 38 | | A2 | 2 20010525 WO 2000-EP11334 | | | | | 20001116 | | | | | | | |
| Ti- | OW | 2001 | 0357 | 38 | | A3 | A3 20011101 | | | | | | | | | | | | |
| | | W: | AE, | AG, | AL, | AM, | AT, | AU, | AZ, | BA, | BI | 3, 1 | BG, | BR, | BY, | BZ, | CA, | CH, | CN, |
| | | | CR, | CU, | CZ, | DE, | DK, | DM, | DZ, | EE, | ES | 3, 1 | FI, | GB, | GD, | GE, | GH, | GM, | HR, |
| | | | HU. | ID. | IL. | IN. | IS. | JP. | KE. | KG. | KE | 2. 1 | KR. | KZ. | LC. | LK. | LR. | LS. | LT. |
| | | | T.IT. | TAV. | MA. | MD. | MG. | MK, | MN. | MW. | MS | ć. 1 | мπ. | NO. | NZ. | PI. | PT. | RO. | RII. |
| | | | | | | | | SL, | | | | | | | | | | | |
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| | | RW. | | | KE. | LS. | MM. | MZ, | SD. | SI | 55 | z. , | TZ. | IIG. | ZW. | AT. | BE. | CH. | CY. |
| | | | | | | | | GB. | | | | | | | | | | | |
| | | | | | | | | GA, | | | | | | | | | | | 22, |
| 7 | TLE | 2001 | | | 00, | A. | | | | | | | | | | | | 0001 | 116 |
| - | | 2000 | | - | | | | | | AU 2001-31546 BR 2000-15677 | | | | | | | | | |
| | | 2003 | | | | | | 2002 | | | | | | | | | | | |
| | | 2368 | | | | В | | 2005 | | | | | | | 4464 | | | 0001 | |
| | | 20020 | | | | | | 2005 | | | | | | | 4464 3 | | | 0020 | |
| | | | | | | | | | | | | | | | | | | | |
| | | 7666 | | | | B1 | | 2007 | 1015 | | | | | | 47 | | | 0020 | |
| PRIOR | ITY | APP | LN. | INFO | . : | | | | | | US | 199 | 99- | 4428: | 22 | | A 1 | 9991 | 118 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | WO | 200 | 00- | EP11: | 334 | | W 2 | 0001 | 116 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | US | 200 | 00- | 7161: | 94 | | A 2 | 0001 | 117 |

OTHER SOURCE(S): MARPAT 134:362757 IT 214633-94-0, Azolopyrimidine C 249648-16-6,

באים אים באים אים (Acatopyrum.dine C 249648-16-6, (S)-Arolopyrimidine C C RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (nonaq. concentrated spreading oil for rice blast control containing) 214633-94-0 CAFLUS

(CA INDEX NAME)

(Continued) L11 ANSWER 173 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

L11 ANSWER 173 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 249648-16-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

GI

AB A nonaq., stable concentrated single-phase spreading oil (SO) formulation is disclosed. The SO formulation comprises a fungicidal triazolopyrimidine

[R1,R2 = H or (un)substituted alkyl, alkenyl, alkynyl, etc.; R1NR2 = heterocyclyl; R3 = halo, alkyl or alkoxy; n = 0.5; Hal = halo] and at least one plant oil and polar aprotic organic solvent. Optionally, the

formulation can also have at least one methylated plant oil. The SO formulation is useful as a blasticide in an aquatic environment of rice

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 2001:195201 CAPLUS
DOCUMENT NUMBER: 134:233069
TITLE: Preparation of optically active fungicidal trifluoromethylalkylamino-triazolopyrimidines
Pfrengle, Waldemar; Pees, Klaus-Jusegen; Albert,
Guido; Carter, Paul; Rehnig, Annerose; Cotter, Henry
Van Tuyl
PATENT ASSIGNEE(S): American Cyanamid Co., USA
SOURCE: U.S., 11 pp., Cont.-in-part of U.S. 5,986,135.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-------------------|----------|
| | | | | |
| US 6204269 | B1 | 20010320 | US 1999-406574 | 19990924 |
| US 5986135 | A | 19991116 | US 1998-160894 | 19980925 |
| PRIORITY APPLN. INFO.: | | | US 1998-160894 A2 | 19980925 |
| | | | | |

OTHER SOURCE (S): MARPAT 134:233069

CTHER SOURCE (S): MARPAT 134:233069

1 214633-92-8P 214633-93-9P 214633-94-0P
214633-95-1P 214633-96-2P 214633-97-3P
214634-32-9P 214634-38-5P 214634-40-9P
214634-32-9P 214634-44-3P 214634-45-4P
214634-48-7P 214634-44-3P 214634-45-4P
214634-48-7P 214634-44-3P 3129911-39-9P
3129911-40-2P 329911-41-38-8P 3129911-24-4P
3129911-40-2P 329911-41-8P. 3129911-42-4P
3129911-40-2P 3129911-41-8P. BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of fungicidal optically active enantiomers of)

RN 216433-92-8 CAPIUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

N 214633-93-9 CAPLUS
N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
-chloro-6-(2,6-difluorophenyl)-N(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214633-95-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

 $214633-96-2 \quad CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- \quad (CA INDEX NAME)$

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-97-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

214634-32-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-5-chlorophenyl)-5-chlorophenyl)-5-chlorophenyl)-6-Chlorophenyl)-6-Chlorophenyl)-6-Chlorophenyl)-7-Chlorophenyl

214634-38-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[1-(trifluoromethyl)propyl]- (CA INDEX NAME)

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-40-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-fluorophenyl)-N-[1(trifluoromethyl)pxopyl]- (CA INDEX NAME)

214634-43-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

N 214634-44-3 CAPLUS N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, -chloro-6-(2,6-difluorophenyl)-N-[1-(trifluoromethyl)propyl]- (CA INDEX NAME)

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-45-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[1-(trifluoromethyl)propyl)- (CA INDEX NAME)

214634-48-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methyl-1- (trifluoromethyl)propyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214634-49-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-53-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-6-fluorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

214634-55-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

RN 329911-38-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

329911-42-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

329911-43-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

329911-44-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-nitrophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\label{eq:continuous} \begin{array}{lll} 329911-39-9 & \text{CAPLUS} \\ [1,2,4]\text{Triazolo}[1,5-a]\text{pyrimidin-7-amine,} & 5-\text{chloro-N-}(2,2,2-\text{trifluoro-1-methylethyl})-6-(2,4,5-\text{trifluorophenyl})- & (\text{CA INDEX NAME}) \\ \end{array}$

329911-40-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-diffluozophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

329911-41-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 174 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

329911-45-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

GI

Optically active 7-(1,1,1-trifluoroalk-2-ylamino)-triazolopyrimidines I (R1 = C2-C6 alkyl; CH* = chiral carbon atom; Ha1 = halo; L1-L5 = H, halo, alkyl, alkoxy, or nitro), characterized in that the enantiomeric excess

of
the (S)-enantiomer is at least 70%, are prepared and show enhanced
selective
fungicidal activity against phytopathogenic fungi. The new compds. are
processed with carriers, and optionally with adjuvants, to form
fungicidal

compns.
REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 175 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:909200 CAPLUS

DOCUMENT NUMBER: 134:38254

Stable non-aqueous fungicidal suspension concentrate TITLE:

Stable non-aqueous fungicidal containing triazolopyrimidine Aven, Michael American Cyanamid Co., USA U.S., 7 pp. CODEN: USXXAM INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: English

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE US 6165940 PRIORITY APPLN. INFO.: 20001226 US 1999-382092 US 1998-101704P 19990824

OTHER SOURCE(S): MARPAT 134:38254

IT 249648-16-6

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(stable non-aqueous fungicidal suspension concentrate containing)

RN 249648-16-6 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(1S)-2,2,2-triffluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

GI

ANSWER 176 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN DESSION NUMBER: 2000:687961 CAPLUS UNBENT NUMBER: 133:248377 LE: Adjuvants enhancing the efficacy of

ACCESSION NUMBER:

DOCUMENT NUMBER:

TITLE: triazolopyrimidine

INVENTOR(S).

fungicides
Aven, Michael; Cotter, Henry Van Tuyl; May, Leslie
American Cyanamid Company, USA
U.S., 11 pp.
CODEN: USXXXM
Batent

PATENT ASSIGNEE(S): SOURCE:

CODEN: Patent English 1 DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. DATE US 6124301 PRIORITY APPLN. INFO.: US 1999-268853 US 1998-78259P 19990315

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Page 339

L11 ANSWER 175 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
AB A non-aqueous, stable fungicidal suspension concentrate comprises (a) a
triazolopyrimidine I (R1, R2 = H, (un)substituted alkyl, alkenyl,

alkynyl,

alkadienyl, etc.; R3 = halo, alkyl, alkoxy; n = 0 to 5; Hal = halo), (b)
one or more adjuvants, (c) one or more organic solvents, one or more (d)
non-ionic and (e) anionic dispersants, and, optionally, (f) one or more

10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR REFERENCE COUNT:

FORMAT

RECORD ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 176 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Adjuvants selected from liquid polyalkoxylated aliphatic alcs., solid

AB Adjuvants selected from liquid polyaloxylated trisiloxanes enhance the hydrocarbyl sulfonates and polyalkoxylated trisiloxanes enhance the efficacy of fungicidal triacolopyrimidines I [R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, etc.; R3 = halo, alkyl, alkoxy; n = 0-5; Hal = halo]. They can be incorporated into formulations of the fungicidal compds. or be added to spray mixts. (tank mix) as sep. formulated additives in order to improve the efficacy, systemic activity and spectrum

spectrum
of these fungicides.
REFERENCE COUNT: 7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

2000:639175 CAPLUS 133:222738 ACCESSION NUMBER: DOCUMENT NUMBER:

133:222738
Preparation of trifluorophenyltriazolopyrimidines as fungicides.
Pees, Klaus-juergen
American Cyanamid Company, USA
U.S., 9 pp.
CODEN: USXXXAM TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: English

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE US 6117865 PRIORITY APPLN. INFO.: 20000912 US 1999-273151 US 1998-99711P 19990319

PRIORITY APPLIN. INFO.:

OS 1998-99711P P 1

OTHER SOURCE(S): MARPAT 133:222738

17 292035-68-8P 292035-69-9P 292035-70-2P
292035-71-3P 292035-72-4P 292035-73-5P
292035-74-6P 292035-73-6-P
292035-74-6P 292035-78-0P 292035-99-1P
292035-80-4P 292035-80-8P 292035-85-9P
292035-80-4P 292035-80-8P 292035-85-9P
292035-86-0P 292035-97-8P 292035-91-7P
292035-92-8P 292035-97-9P 292035-97-7P
292035-92-8P 292035-97-8P 292035-97-3P
292035-98-4P 292035-98-2P 292035-97-8P
292035-98-4P 292035-99-8P 292036-6P

KL: BAC (Biological activity or effector, except adverse); BSU
(Biological

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (2,3,6-trifluorophenyl)- (CA INDEX NAME) (Continued)

292035-73-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-74-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-piperidiny1)-6-(2,3,6-trifluoropheny1)- (CA INDEX NAME)

RN 292035-75-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2,4-dimethyl-1-piperidinyl)6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 292035-69-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

RN 292035-70-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1(2H)-azocinyl)-6(2,3,6-trifluorophenyl)- (CA INDEX NAME)

RN 292035-71-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(4-thiomorpholinyl)-6-(2,3,6trifluorophenyl)- (CA INDEX NAME)

RN 292035-72-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(hexahydro-1H-azepin-1-y1)-6-

(Continued) L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

292035-76-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

292035-77-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-78-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-piperidinyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-79-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl-1-piperidinyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-80-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-81-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cycloheptyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-85-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[4-(1-methylethyl)-1-plperidinyl]-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

CN

292035-86-0 CAPLUS [1,2,4]Triazol[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(2,2-dichlorocyclopropyl)methyl]-N-methyl-6-(2,3,6-trifluorophenyl)- (CA TNDEX

NAME)

292035-87-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-82-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-2-propenyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

292035-83-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-chloropropyl)-N-methyl-6-(2,3,6-triffluorophenyl)- (CA INDEX NAME)

292035-84-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

(Continued)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

RN 292035-88-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(cyclopropylmethyl)-Npropyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-89-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylpropyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

RN 292035-90-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-buty1-5-chloro-N-ethy1-6-(2,3,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-91-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

292035-92-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

RN 292035-93-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3,3-dinerhyl-1-piperidinyl)6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-97-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-hexyl-N-2-propenyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

292035-98-4 CAPLUS Formamide, N-[2,2,2-trichloro-1-[4-[5-chloro-6-(2,3,6-

292035-99-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-N-2-

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

292035-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

RN 292035-95-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-cyclohexyl-N-methyl-6(2,3,6-trifluorophenyl) (CA INDEX NAME)

RN 292035-96-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(hexahydro-IH-azepin-4yl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) propenyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

292036-05-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-pyrrolidinyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

GI

Trifluorophenyltriazolopyrimidine compds. (I) [(R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl etc.; or R1 and R2 together with interjacent N = (un)substituted heterocyclic or heterobicyclic ring; Hal = halogen atom)] were prepared

for
their use as fungicides. Thus, I (R1+R2 = (CH2)2CH(CH3)(CH2)2) was
prepared
by chlorination with phosphorus oxychloride and condensation with 4-Me
piperidine of the product obtained by the reaction of di-Et
(2,3,6-trifluorophenyl)-malonate and 3-amino-1,2,4-triazole. The new
compds. were processed with carriers and adjuvants to form fungicidal
compns and formulations were given.
REFERENCE COUNT:
8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS

L11 ANSWER 177 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2000:636212 CAPLUS COPURENT NUMBER: 133:233897 Preparation of fungicidal trifluorophenyl-TITLE: Preparation of fungicidal trifluoro triazolopyrimidines Pees, Klaus-juergen; Albert, Guido American Cyanamid Company, USA U.S., 10 pp. CODEN: USXXAM INVENTOR(S): PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: English DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

KIND DATE

US 6117876 PRIORITY APPLN. INFO.: 20000912 US 1998-57197 US 1997-43816P PRIORITY APPLN. INFO::

US 1997-43816P

P 199704

CTHER SOURCE(S):

MARPAT 133:233897

IT 214633-89-3P 214633-94-0P 214633-98-4P
214634-06-7P 214634-13-6P 214633-98-4P
214634-06-7P 214634-29-4P 214634-31-8P
214634-21-6P 214634-29-4P 214634-43-8P
214706-52-2P, [1, 2, 4]Triazolo[1, 5-a]pyrimidin-7-amine, 5-Chloro-N, N-diethyl-6-(2, 4, 6-trifluorophenyl) - 214706-53-3P
214706-54-4P 214706-55-5P 214706-56-6P
214706-60-2P 214706-61-3P 214706-65-9-9P
214706-60-2P 214706-61-3P 214706-65-7P
214706-68-1P 214706-61-67-9P 214706-65-7P
214706-69-1P 214706-78-0P 214706-68-0P
214706-79-7P 214706-78-0P 214706-79-9P
214706-78-2P 214706-78-0P 214706-79-9P
214706-78-2P 214706-78-0P 214706-89-0P
214706-81-1P 214706-82-8P 214706-89-9P
214706-81-7P 214706-88-4P 214706-89-9P
214706-90-8P 214706-89-1-9P 214706-92-0P
214706-91-3P 214706-91-9P 214706-92-0P
214706-91-3P 214706-91-9P 214706-92-0P
214706-91-8P (Biological study, unclassified), SDN (Suntheric educators) and setting study. SUNTHERIC SUNTHERIC Educators and setting s 293310-89-1P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation as fungicide)
RN 214633-89-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluoroethyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

APPLICATION NO.

DATE

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-94-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214633-98-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-propenyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

 $\label{eq:control_control_control} 214634-06-7 \quad CAPLUS \\ [1,2,4] Triazolo[1,5-a] pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- \quad (CA INDEX NAME) \\ \\$

PATENT NO.

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 214634-13-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214634-17-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214634-21-6 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214634-29-4 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-bis(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-31-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluoroethyl)6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

214634-42-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (CA INDEX NAME)

214634-43-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-48-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-52-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-53-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-54-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

214706-55-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-56-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-57-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-58-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(4-thiomorpholinyl)-6-(2,4,6trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-60-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-y1)-6(2,4,6-trifluoropheny1)- (CA INDEX NAME)

214706-61-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

214706-62-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-66-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

214706-67-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-68-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-2-propenyl-6-(2,4,6-trifivorophenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{i-Bu} \\ \text{F} \\ \text{N-CH}_2\text{-CH-CH}_2 \end{array}$$

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-63-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3,6-dihydro-1(2H)-pyridiny1)6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

214706-64-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

214706-65-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

(Continued)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN RN 214706-69-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-70-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylproyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-71-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-72-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F N-Bu-i

RN 214706-73-7 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-N-methyl-6-(2,4,6-trifluorophenyl) (CA INDEX NAME)

F N-Me

RN 214706-74-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methyl-proy1)-6-(2,4,6-trifilorophenyl)- (CA INDEX NAME)

F F N CH Et

RN 214706-75-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F C1 NH-CH2-SiMe3

RN 214706-76-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,4-dimethylpentyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Me NB-CB-CH2-CH2-CHMe2

RN 214706-77-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-Nmethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Me Me Me N CH-Pr-i

RN 214706-78-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylbutyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F NH-CH-Pr-F

RN 214706-79-3 CAPLUS
CN 3-Piperidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

F CI N

RN 214706-80-6 CAPLUS
CN 3-Pytrolidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pytmidin-7-yl]- (CA INDEX NAME)

RN 214706-81-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(3-fluorophenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CH2 CH2 CH2 F NH

RN 214706-82-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(4-methylphenyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

CH-Me
NH
NH
N
F C1
N

RN 214706-83-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[4-(1,1-dimethylethyl)cyclohexyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-84-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,4-dihydro-1(2H)-pyridiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

RN 214706-85-1 CAPLUS
CN 2-Propanol, 1-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 214706-86-2 CAPLUS
CN 4-Piperidinol, 1-{5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrinidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-90-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,1,3,3-tetramethylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

EN 214706-91-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(1methylethyl)butyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

EN 214706-92-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-pyrrolidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-87-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpentyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-89-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(3-methylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-93-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dimethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-94-2 CAPLUS
CN 1,5-Dioxa-9-azaspiro[5,5]undecane, 9-[5-chloro-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-y1]- (CA INDEX NAME)

RN 214706-96-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 178 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

BM 293310_89_1 CADLUS

233310-03-1 CAPLOS [1,2-a]pyrimidin-7-amine, 5-chloro-N-(5-chlorotricyclo[2.2.1.02,6]hept-3-yl)-6-(2,4,6-trifluorophenyl)- (9CI)

GI

Trifluorophenyl-triazolopyrimidine compds. I (R1 = C1-C6-alkyl or C3-C6-cycloalkyl; R2 = H; or R1 and R2 with interjacent N = piperidine, optionally substituted with one or two C1-C6-alkyls; Ha1 = C1) are AB

and possess selective fungicidal activity.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 179 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
5-Chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-difluoropiperid-1-yl)[1,2,4]triazolo[1,5-a]pyrimidine 288619-21-6P,
5-Chloro-7-(4-fluoromethylpiperid-1-yl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine 288619-22-7P,
5-Chloro-6-(2-chloro-6-fluorophenyl)-7-(4-trifluoromethylpiperid-1-yl)[1,2,4]triazolo[1,5-a]pyrimidine
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(fungicide; prepn. of fluoro-substituted
exact study); PREP (Preparation); USES (Uses)
RN 288619-16-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-fluoro-1-piperidinyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

288619-17-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(fluoromethyl)-1-piperidinyl)- (CA INDEX NAME)

288619-18-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-fluoro-1-piperidinyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 179 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:632343 CAPLUS
DOCUMENT NUMBER: 133:177189
TITLE: Fluoro-substituted 7-heterocyclyl-triazolopyrimidines Fluoro-substituted /-heterocyciyl-triazolopyrimidine and their use as fungicides
Pees, Klaus Juergen; Rehnig, Annerose; Albert, Guido American Cyanamid Company, USA
Fr. Demande, 33 pp.
CODEN: FRXXBL

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|----------|
| | | | | |
| FR 2784991 | A1 | 20000428 | FR 1999-11676 | 19990917 |
| FR 2784991 | B1 | 20020816 | | |
| PRIORITY APPLN. INFO.: | | | US 1998-160693 A | 19980925 |

288619-16-9P, 5-Chloro-7-(4-fluoropiperid-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine 288619-17-0P, 5-Chloro-6-(2-chloro-6-fluorophenyl)-7-(4-fluoromethylpiperid-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidine 288619-18-1P, 5-Chloro-7-(3-fluoropiperid-1-yl)-6-(pentafluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine 288619-19-2P, 5-Chloro-6-(2-chloro-6-fluorophenyl)-7-(3-fluoropiperid-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidine 288619-20-5P,

L11 ANSWER 179 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

288619-19-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3-fluoro-1-piperidinyl)- (CA INDEX NAME)

CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4,4-difluoro-1-piperidinyl)- (CA INDEX NAME)

288619-21-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-[4-(fluoromethyl)-1-piperidinyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 179 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

288619-22-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-[4-(trifluoromethyl)-1-piperidinyl]- (CA INDEX NAME)

214706-86-2, 5-Chloro-7-(4-hydroxypiperid-1-y1)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine 288619-23-8, 5-Chloro-7-(4-hydroxymethylpiperid-1-y1)-6-(2-chloro-6-fluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine
RL: RCT (Reactant); RACT (Reactant or reagent)
(starting material; preparation of fluoro-substituted heterocyclyltriazolopyrimidines as fungicides)
214706-66-2 CAPLUS
4-Piperidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME) IT

L11 ANSWER 179 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) least one F atom or fluoroalkyl group; X = halogen; L1-L5 = H, halo, alkyl, or NO2]. Seven specific examples are claimed and prepd. For instance, title compd. II was prepd. by treatment of the alc. 5-chloro-7-(4-hydroxypiperid-1-yl)-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine with DAST in CHZCl2 at -78°. II gave 100% control of Erysiphe graminis on Triticum aestivum at a concn. of 25 ppm.

L11 ANSWER 179 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

288619-23-8 CAPLUS
4-Piperidinemethanol, 1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

GI

AB Title compds. I are disclosed [wherein: NR1R2 = heterocyclyl bearing at

L11 ANSWER 180 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:534806 CAPLUS
DOCUMENT NUMBER: 133:131170
Nonaqueous emulsifiable concentrate fungicide formulation
INVENTOR(S): Aven, Michael
PATENT ASSIGNEE(S): American Cyanamid Co., USA; BASF Aktiengesellschaft SOURCE: CODEN: EPXXDW
DOCUMENT TYPE: Pat. Appl., 15 pp.
CODEN: EPXXDW
Patent INFORMATION:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------------|--------------|-------------|----------------------|-----------------|
| PAIENI NO. | KTND | DWIF | APPLICATION NO. | DAIL |
| | | | | |
| EP 1023837 | A2 | 20000802 | EP 2000-300666 | 20000128 |
| EP 1023837 | A3 | 20010530 | | |
| EP 1023837 | B1 | 20050330 | | |
| R: AT, BE | , CH, DE, DK | , ES, FR, G | B, GR, IT, LI, LU, 1 | NL, SE, MC, PT, |
| IE, SI | , LT, LV, FI | , RO | | |
| AT 291843 | T | 20050415 | AT 2000-300666 | 20000128 |
| ES 2240012 | Т3 | 20051016 | ES 2000-300666 | 20000128 |
| PRIORITY APPLN. INF | ·o.: | | US 1999-240634 | A 19990129 |
| | | | | |

OTHER SOURCE(S): MARPAT 133:131170

IT 214633-94-0

RL: AGR (Agricultural use); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(nonaq. emulsifiable concentrate fungicidal formulation containing)

RN 214633-94-0 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

L11 ANSWER 180 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The title formulation comprises 50-300 g/L azole derivative I [R1, R2 = $^{\circ}$ (un)substituted alkyl, alkenyl, alkynyl or alkadienyl; R3 = halo or (un)substituted alkyl, alkenyl, alkynyl, alkadienyl, alkoxy or aryl; λ =

CH; n = 0,1 or 2] and, optionally, 50-500 g/L addnl. fungicide, as active ingredient. The inactive formulation ingredients are ≥ 700 g/L alkoxylates of an aliphatic alc., \$100 g/L noinonic dispersant(s), 10-100 g/L anionic dispersant(s), 50-600 g/L polar aprotic organic solvent(s), 150-500 g/L nonpolar organic solvent(s), and ≤ 5 g/L defoamer.

L11 ANSWER 181 OF 199 CAPLUS COPYRIGHT 2008 ACS ON STN
ACCESSION NUMBER: 2000:534803 CAPLUS
TITLE: 33:131168
Synergistic fungicidal mixtures
INVENTOR(S): Van Tuyl Cotter, Henry; Reichert, Gunter; Sieverding,
Ewald; Jegerings, Petrus Martinus Franciscus Emanuel
PATENT ASSIGNEE(S): American Cyanamid Co., USA; BASF AG
SOURCE: EPXXDW

DOCUMENT TYPE: Pater

DOCUMENT TYPE:

English DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | FENT | NO. | | | KINI | D | DATE | | AI | P. | LICAT | ION | NO. | | D | ATE | |
|------|-------|------|------|-----|------|-----|------|------|-------|----|-------|------|-----|-----|------|------|-----|
| | | | | | | - | | | | | | | | | - | | |
| EP | 1023 | 834 | | | A1 | | 2000 | 0802 | EF | > | 2000- | 3006 | 37 | | 21 | 0000 | 128 |
| EP | 1023 | 834 | | | B1 | | 2004 | 0407 | | | | | | | | | |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, C | ΞR | , IT, | LI, | LU, | NL, | SE, | MC, | PT, |
| | | IE, | SI, | LT, | LV, | FI, | . RO | | | | | | | | | | |
| US | 6346 | 535 | | | B1 | | 2002 | 0212 | US | 3 | 1999- | 2404 | 12 | | 1: | 9990 | 129 |
| US | 6521 | 628 | | | B1 | | 2003 | 0218 | US | 3 | 2000- | 4924 | 40 | | 21 | 0000 | 127 |
| AT | 2634 | 86 | | | T | | 2004 | 0415 | A7 | 1 | 2000- | 3006 | 37 | | 21 | 0000 | 128 |
| PT | 1023 | 834 | | | T | | 2004 | 0630 | PT | 7 | 2000- | 3006 | 37 | | 21 | 0000 | 128 |
| ES | 2218 | 066 | | | Т3 | | 2004 | 1116 | ES | 3 | 2000- | 3006 | 37 | | 21 | 0000 | 128 |
| US | 2002 | 0990 | 62 | | A1 | | 2002 | 0725 | US | 3 | 2002- | 4619 | 0 | | 21 | 0020 | 116 |
| US | 6498 | 194 | | | B2 | | 2002 | 1224 | | | | | | | | | |
| US | 2002 | 0990 | 63 | | A1 | | 2002 | 0725 | US | 3 | 2002- | 4619 | 7 | | 21 | 0020 | 116 |
| US | 6734 | 202 | | | B2 | | 2004 | 0511 | | | | | | | | | |
| RITY | / APP | LN. | INFO | . : | | | | | US | 3 | 1999- | 1177 | 25P | 1 | 2 1: | 9990 | 129 |

US 1999-240412

A 19990129

OTHER SOURCE(S): MARPAT 133:131168

IT 286844-31-3 286844-32-4 286844-64-2
R1: AGR (Agricultural use); BIOL (Blological study); USES (Uses)
(synergistic fungicidal composition)
RN 286844-31-3 CAPLUS
CN Methanone, (2,6-dichlorophenyl)[2-(1,1-dimethylethoxy)-3,4-dimethoxy-6-methylphenyl]-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-N-cyclopropyl[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 286844-30-2 CMF C14 H10 C12 F N5

L11 ANSWER 181 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

286844-32-4 CAPLUS Methanone, (2,6-dichlorophenyl)[2-(1,1-dimethylethoxy)-3,4-dimethoxy-6-methylphenyl]-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 286844-26-6 CMF C20 H22 C12 O4

CM 2

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 181 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

286844-64-2 CAPLUS
Methanone, (3-bromo-2-methoxy-6-methylphenyl) (2,3,4-trimethoxy-6-methylphenyl)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

1 CM

CRN 286837-21-6 CMF C19 H21 Br O5

CM 2

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 181 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The title compns. comprise a benzophenone derivative mixted with at least one fungicide selected from a ergosterol biosynthesis inhibitor, a strobilurine derivative, a melanin biosynthesis inhibitor, a compound selected from acibenzolar, benomyl, captan, carboxin, chlorothalonil, copper, cyprodinil, dinocap, dithianon, dimethomorph, dodine, ethirimol, famoxadone, fenpicionil, fluazinam, mancozeb, metalaxyl, pyrifenox, sulfur, vinclozolin, and/or an azolopyrimidine derivative (Markush qiven).

sulfur, vinclorolin, and/or an azolopyrimidine derivative (paraus.)
given).

The benzophenone derivative is I [R1 = OH, halo or (un) substituted alkyl, alkanoyloxy or alkoxy; R2 = halo or (un) substituted alkyl; R3 = halo, NO2 or (un) substituted alkyl or alkoxy; R4 = halo, CN, OH, CO2H, NH2, NO2, or (un) substituted alkyl, alkoxy, alkenyl, alkylthio, alkylsulfinyl; R5 = (un) substituted alkyl; R6 = (un) substituted alkyl; R6 = (un) substituted alkyl; R6 = halo, NO2, (un) substituted alkyl, alkoxy, aryloxy, etc.; R7 = halo, (un) substituted (cyclo) alkyl, alkenyl, (cyclo) alkoxy, etc.; m - o, 1-3; n = 0 or 1].

REFERENCE COUNT:

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 182 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2000:232595 CAPLUS DOCUMENT NUMBER: TITLE:

132:265197
Preparation of (trihalophenyl)triazolopyrimidine compounds, their use as bactericides and fungicides, and pest control with them
Pees, Klaus-Juergen
American Cyanamid Co., Japan
Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
Patent

INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|----------|
| | | | | |
| JP 2000103790 | A | 20000411 | JP 1999-257239 | 19990910 |
| US 5985883 | A | 19991116 | US 1998-160568 | 19980925 |
| PRIORITY APPLN. INFO.: | | | US 1998-160568 A | 19980925 |
| | | | US 1998-161087 A | 19980925 |

OTHER SOURCE(S): MARPAT 132:265197

IT 249890-97-9P 249891-03-0P 263333-86-4P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of (trihalophenyl)triazolopyrimidines as agrochem.
bactricides and fungicides)
RN 249890-97-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249891-03-0 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

(Continued) L11 ANSWER 182 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

N 263333-86-4 CAPLUS
N [1,2,4]Triazolo[1,5-a]pyrimidine,
-chloro-6-(2,6-dichloro-4-fluorophenyl)7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

GT

AB The title compds. I [R = NR1R2; R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, alkadienyl, halcalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, heterocyclyl or NR1R2 (un)substituted heterocyclyl; R3-R5 = F, C1; R3, R4, and/or R5 = C1; X = J, useful as bactericides and fungicides, especially against rice blast fungus, Pyricularia oryzae, are prepared by treatment of I (R = halo; R3-R5, X = same as above) with R1R2NH (R1,

R2 = same as above). Also claimed are bactericidal and fungicidal compns.

containing ≥1 I and carriers, and a method for controlling bacteria and
fungi using I. 5-Chloro-6-(2,6-dichloro-4-fluorophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidine (preparation given)

Page 351

L11 ANSWER 182 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) growth of Alternaria solani, Botrytis cinerea, Cochliobolus sativus, Magnaporthe grisea f. sp. ovyzae, and Rhizoctonia solani at MICs 0.39, 0.39, 0.78, 0.04, and 12.5 µg/mL.

L11 ANSWER 183 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 2000:227433 CAPLUS DOCUMENT NUMBER: 132:233051 132:233051
Nonaqueous pesticide suspension concentrate
Aven, Michael
American Cyanamid Company, USA
PCT Int. Appl., 25 pp.
CODEN: FIXXD2
Patent TITLE: INVENTOR(S): PATENT ASSIGNEE(S): DOCUMENT TYPE: English LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. | No. DATE A T A T C2 NZ 1999-510741 AT 1999-949806 RU 2001-111328 PT 1999-949806 ES 1999-949806 IL 1999-142084 ZA 2001-2411 MX 2001-PA3037 US 1998-160856 AT 258009 RU 2224434 PT 1130962 ES 2214890 20040215 19990922 20040227 19990922 T T3 20040430 19990922 19990922 20040916 IL 142084 20051218 19990922 IL 142084 ZA 2001002411 MX 2001PA03037 PRIORITY APPLN. INFO.: 20020325 20010323

20030425

OTHER SOURCE(S): MARPAT 132:233051

IT 214633-94-0

RL AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(nonaq. suspension concentrate of)

RN 214633-94-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

WO 1999-US22046

ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CAPLUS COMPARISHT 2008 ACS on STN 2000:209502 CAPLUS 132:2218331 Symergistic fungicidal mixtures Cotter, Henry Van Tuyl; May, Leslie Francis; ACCESSION NUMBER:

DOCUMENT NUMBER: TITLE: INVENTOR(S): Reichert,

Gunter; Sieverding, Ewald American Cyanamid Company, USA; BASF Aktiengesellschaft Eur. Pat. Appl., 334 pp. CODEN: EPXXDW Patent English PATENT ASSIGNEE(S):

SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PAT | ENT I | NO. | | | KINI |) | DATE | | API | PLIC | ATI | ON I | 10. | | D. | ATE | |
|----------|-------|-----|-------|-----|------|-----|-------|------|--------|------|-----|-------|-----|-----|-----|-------|-----|
| | | | | | | - | | | | | | | | | - | | |
| EP | 9887 | 90 | | | A1 | | 20000 | 0329 | EP | 199 | 9-3 | 0.752 | 21 | | 1 | 9990 | 923 |
| EP | 9887 | 90 | | | B1 | | 20030 | 0521 | | | | | | | | | |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, GH | R, I | т, | LI, | LU, | NL, | SE, | MC, | PT, |
| | | IE, | SI, | LT, | LV, | FI, | RO | | | | | | | | | | |
| AT | 2406 | 48 | | | T | | 20030 | 0615 | AT | 199 | 9-3 | 0.752 | 21 | | 1 | 9990 | 923 |
| PT | 9887 | 90 | | | T | | 2003: | 1031 | PT | 199 | 9-3 | 0.752 | 21 | | 1 | 9990: | 923 |
| ES | 2203 | 021 | | | Т3 | | 20040 | 0401 | ES | 199 | 9-3 | 0.752 | 21 | | 1 | 9990 | 923 |
| PRIORITY | APP | LN. | INFO. | . : | | | | | US | 199 | 8-1 | 603 | LO | 1 | A 1 | 9980 | 925 |

OTHER SOURCE(S): MARRAT 132:218331
IT 261516-01-2 261516-02-3 261516-03-4
261516-04-5 261516-06-7 261516-07-8
261516-08-9 261516-09-0 261516-10-3
261516-11-4 261516-12-5 261516-13-6
261516-14-7 261516-13-8 261516-16-9
261516-17-0 261516-18-1 261516-19-2 261516-20-5 261516-21-6 261516-22-7 261516-23-8 261516-24-9 261516-25-8 261516-25-7 261516-25-4 261516-27-7 261516-25-3 261516-29-4 261516-30-7 261516-31-8 201516-29-4 201516-31-8
RI: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicidal composition)
261516-01-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)-, mixt. with rel-(2R,6S)-4-[3-[4-(1,1-dimethyl-thyl)phenyl]-2-methylpropyl]-2,6-dimethylmorpholine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 183 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The invention relates to a nonaq., stable suspension concentrate which

given).
REFERENCE COUNT: 9

THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

20010323 A 19980925

W 19990922

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 67564-91-4 CMF C20 H33 N O

Relative stereochemistry.

261516-02-3 CAPLUS

RN 2c1516-U2-3 CAPLUS
CN 1H-1,2,4-Triazole-1-ethanol, α-[2-(4-chlorophenyl)ethyl]-α(1,1-dimethylethyl)-, mixt. with
5-chloro-6-(2-chloror-6-fluorophenyl)-7-(4methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 107534-96-3 CMF C16 H22 C1 N3 O

261516-03-4 CAPLUS 2,4-0xazolidinedione, 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 2

CRN 50471-44-8 CMF C12 H9 C12 N O3

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

261516-04-5 CAPLUS Carbanic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester, mit. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CRN 187233-48-3 CMF C17 H16 C12 F N5

CM

CRN 17804-35-2 CMF C14 H18 N4 O3

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 261516-06-7 CAPLUS
CN Cyclopentanol,
5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol1-ylmethyl)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amime (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 125116-23-6 CMF C17 H22 C1 N3 O

RN 261516-07-8 CAPLUS

Page 353

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzeneacetic acid, a-(methoxyimino)-2-[(2-methylphenoxy)methyl]-,
methyl ester, (ac)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-Imethylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

261516-08-9 CAPLUS 1,4-Oxathiin-3-carboxamide, 5,6-dihydro-2-methyl-N-phenyl-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 5234-68-4 CMF C12 H13 N O2 S

261516-09-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 3-chloro-N-[3-chloro-2,6-dinitro-4-(trifluoromethyl)phenyl]-5-(trifluoromethyl)-2-pyridinamine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 79622-59-6

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

261516-11-4 CAPLUS Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester, mixt. with 5-dhoro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 57837-19-1 CMF C15 H21 N O4

RN 261516-12-5 CAPLUS CN 2,4-Oxazolidinedione, 5-methyl-5-(4-phenoxyphenyl)-3-(phenylamino)-, mixt.

with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CMF C13 H4 C12 F6 N4 O4

261516-10-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with 5,7-dichloro-4-(4-fluorophenoxy)quinoline (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 124495-18-7 CMF C15 H8 C12 F N O

(Continued) L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

CRN 131807-57-3 CMF C22 H18 N2 O4

NHPh

RN 261516-13-6 CAPLUS
CN Guanidine, dodecyl-, monoacetate, mixt. with
5-chloro-N-(2,2,2-trifluoro-1methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 2439-10-3 CMF C13 H29 N3 . C2 H4 O2 *** STRUCTURE DIAGRAM IS NOT AVAILABLE *** 261516-15-8 CAPLUS 261516-15-8 CAPLUS 261516-15-8 CAPLUS 261516-15-8 CAPLUS 27.2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with sulfur (9CI) (CA INDEX NAME) CM 3 CRN 112-65-2 CMF C13 H29 N3 CM 1 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 CM 4 CRN 64-19-7 CMF C2 H4 O2 261516-14-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with copper chloride oxide hydrate (9CI) (CA INDEX NAME) CRN 7704-34-9 CMF S CM 1 s CRN 214633-94-0 CMF C14 H8 C1 F6 N5 261516-16-9 CAPLUS Formanide, N,N'-[1,4-piperazinediylbis(2,2,2-trichloroethylidene)]bis-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX) CM 1 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 CM 2 CRN 1332-40-7 CMF Unspecified L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) CRN 121552-61-2 CMF C14 H15 N3 261516-18-1 CAPLUS
Naphtho[2,3-b]-1,4-dithiin-2,3-dicarbonitrile, 5,10-dihydro-5,10-dioxo-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME) CRN 26644-46-2 CMF C10 H14 C16 N4 O2 ин-сно CM 1 ch-ccl3 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 CH-CC13 RN 261516-17-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)-, mixt. with
4-cyclopropyl-6-methylN-phenyl-2-pyrimidinamine (9CI) (CA INDEX NAME) CM 2 CM 1 CRN 3347-22-6 CMF C14 H4 N2 O2 S2 CRN 214633-94-0 CMF C14 H8 C1 F6 N5 RN 261516-19-2 CAPLUS
CN 1H-Isoindole-1,3(2H)-dione,
3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio], mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CRN 133-06-2 CMF C9 H8 C13 N O2 S

261516-20-5 CAPLUS
1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-, mixt. with
5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 74738-17-3 CMF C11 H6 C12 N2

261516-22-7 CAPLUS Cyclohexanecarboxamide, N-(2,3-dichloro-4-hydroxyphenyl)-1-methyl-, mixt.with 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX

CM 1

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 126833-17-8 CMF C14 H17 C12 N O2

RN 261516-23-8 CAPLUS

Page 356

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 1897-45-6 CMF C8 C14 N2

261516-21-6 CAPLUS 1H-Pyrrole-3-carbonitrile, 4-(2,3-dichlorophenyl)-, mixt. with 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Benzeneacetic acid, 2-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]-α(methoxymethylene)-, methyl ester, (αΕ)-, mixt. with
5-chloro-H-[(18)-2, 2, 2-trifluoro-1-methylethyl]-6-(2, 4, 6trifluorophenyl)[1, 2, 4]triazolo[1, 5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 131860-33-8 CMF C22 H17 N3 O5

Double bond geometry as shown.

261516-24-9 CAPLUS Benzeneacetic acid, α -(methoxyimino)-2-[[[E]-[1-[3-(trifluoromethyl]phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, (αE) -, mixt. with 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

Absolute stereochemistry.

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 141517-21-7 CMF C20 H19 F3 N2 O4

Double bond geometry as shown.

RN 261516-25-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)-, mixt. with
4,6-dimethyl-N-phenyl2-pyrimidinamine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-87-1 CMF C13 H7 C12 F4 N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 1

CRN 249648-16-6 CMF C14 H8 C1 F6 N5

Absolute stereochemistry.

CM 2

CRN 94361-06-5 CMF C15 H18 C1 N3 O

RN 261516-28-3 CAPLUS
CN Cyclopentanol,
5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-

Page 357

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 53112-28-0 CMF C12 H13 N3

261516-26-1 CAPLUS Benzeneacetic acid, α -(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, (αE) -, mixt. with 5-chloro-N-[(18)-2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

Absolute stereochemistry.

CM 2

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
1-ylmethyl)-, mixt. with
5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

2 CM

CRN 125116-23-6 CMF C17 H22 C1 N3 O

RN 261516-29-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)-, mixt. with
rel-1-[[(2R,38)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM

CRN 133855-98-8 CMF C17 H13 C1 F N3 O

Relative stereochemistry.

261516-30-7 CAPLUS Benzeneacetic acid, α -(methoxyimino)-2-[(2-methylphenoxy)methyl]-, methyl ester, (αE) -, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CAINDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 60207-90-1 CMF C15 H17 C12 N3 O2

187233-48-3D, mixts. containing 214633-87-1D, mixts. containing 214633-94-0D, mixts. containing 214633-94-0D, mixts. containing RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.) 187233-48-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME) TT

RN 214633-87-1 CAPLUS

Page 358

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CRN 143390-89-0 CMF C18 H19 N O4

Double bond geometry as shown.

RN 261516-31-8 CAPLUS
CN [1,2,4]Triazolo[1,3-a]pyrimidine, 5-chloro-6-(2-chloro-6-Eluorophenyl)-7(4-methyl-1-plepridinyl)-, mixt. with
1-[(2-(2,4-dichlorophenyl)-4-propyl1,3-dicoxolan-2-yl]methyl]-1H-1,2,4-triazole (9CI) (CA INDEX NAME)

CM 1

CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 184 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

AB The title fungicidal compns. comprise an azolopyrimidine derivative I (R1 = $^{\circ}$

(R1 = alkyl, alkenyl or haloalkyl; R2 = H or alkyl; R1R2 = alkylene; L1 = halo; L2, L3 = H or halo) and benomyl, carboxin, captan, chlorothalonil, copper oxychloride, cyprodinil, dimethomorph, dithianon, dodine, famoxadone, fenhexamid, fenpiclonil, fenpropimorph, fluarianm, manozoeb, metalaxyl, pyrimethanil, quinoxifen, sulfur, triforine, vinclozolin, a fungicidal triazole derivative, or a synthetic strobiluvine derivative

REFERENCE COUNT: 3 THERE ARE 3 CITTED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 185 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:201137 CAPLUS
DOCUMENT NUMBER: 132:233022
TITLE: Synergistic fungicidal mixtures containing azolopyrimidines and melanin biosynthesis inhibitors
Ziefelding, Ebert; May, Leslie
PATENT ASSIGNEE(S): American Cyanamid Co., USA
SOURCE: USA
DOCUMENT TYPE: Patent
LANGUAGE: Japanese DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------|------|----------|------------------|----------|
| | | | | |
| JP 2000086412 | A | 20000328 | JP 1999-250142 | 19990903 |
| MX 9908084 | A | 20001031 | MX 1999-8084 | 19990902 |
| KR 2000022933 | A | 20000425 | KR 1999-37680 | 19990906 |
| IN 1999CA00763 | A | 20050311 | IN 1999-CA763 | 19990907 |
| BR 9904095 | A | 20000926 | BR 1999-4095 | 19990909 |
| CN 1247025 | A | 20000315 | CN 1999-118592 | 19990910 |
| TW 575400 | В | 20040211 | TW 1999-88115558 | 19990910 |
| PRIORITY APPLN. INFO | .: | | US 1998-150557 F | 19980910 |

OTHER SOURCE(S): MARPAT 132:233022

IT 261967-28-6 261967-29-7 261967-30-0

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(synergistic fungicide for controlling plant pathogens)

RN 261967-28-6 CAPLUS

CN Propanamide, N-(1-cyano-1,2-dimethylpropyl)-2-(2,4-dichlorophenoxy)-, mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl)[1,2,4]triazolo[1,5-a]pyrimidine (9CI) (CA INDEX NAME)

CM 1 CRN 187233-48-3 CMF C17 H16 C12 F N5

L11 ANSWER 185 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN Propanamide, N-(1-cyano-1,2-dimethylpropyl)-2-(2,4-dichlorophenoxy),
mixt. with 5-chloron-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 214633-94-0 CMF C14 H8 C1 F6 N5

CM 2

CRN 115852-48-7 CMF C15 H18 C12 N2 O2

GI

Microbicides that are used to control plant pathogens comprise synergistically effective amts. of ≥ 1 azolopyrimidine (I ; R1, R2 = H, (un)substituted alkyl, alkenyl, (heterolaryl, (bi)cycloalkyl, etc., or R1 and R2 may form a part of a ring; R3 = H, halo, alkyl; R4 = H, alkyl, or aryl; L = halo, (un)substituted alkyl, alkoxy; A = N, CR5; R5 has the same meanings as R4; n = 0-5), ≥ 1 melanin biosynthesis inhibitor (MB1), and allowable carriers and/or surfactants. Thus, a mixture of 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-methylpiperid-1-yl)-

L11 ANSWER 185 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CM 2

CRN 115852-48-7 CMF C15 H18 C12 N2 O2

RN 261967-29-7 CAPLUS
CN Propanamide, N-(1-cyano-1,2-dimethylpropyl)-2-(2,4-dichlorophenoxy)-,
mixt. with 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1methylethyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX
NAME)

2 CM

CRN 115852-48-7 CMF C15 H18 C12 N2 O2

RN 261967-30-0 CAPLUS

L11 ANSWER 185 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued [1,2,4] triazo[1,5-a]pyrimidine and N-(1-cyano-1,2-dimethylpropyl)-2-2(2,4-dichlorophenoxy)propionamide synergistically controlled Pyricularia oryzae in rice. (Continued)

L11 ANSWER 186 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 1999:761522 CAPLUS

DOCUMENT NUMBER: 131:351347

131:351347
Preparation of fungicidal 5-alkyl-triazolopyrimidines
Pfrengle, Waldemar
American Cyanamid Company, USA
U.S., 9 pp.
CODEN: USXXAM
Fatent TITLE:

INVENTOR(S): PATENT ASSIGNEE(S):

DOCUMENT TYPE: English

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE US 5994360 PRIORITY APPLN. INFO.: A 19991130 US 1998-115496 US 1997-52407P 19980714

L11 ANSWER 187 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1999:733059 CAPLUS
DOCUMENT NUMBER: 131:337031
TITLE: Fungleidal
[[(trifluoromethyl)alkyl]amino]triazolopyri
midines and their preparation
INVENTOR(S): French (Suido, Carter, Paul; Rehnig, Annerose; Van Tuyl
Cotter, Henry
PATENT ASSIGNEE(S): American Cyanamid Co., USA
SOURCE: U.S., 10 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: FAMILY ACC. NUM. COUNT: 2

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PATENT NO. | | | | | | DATE | | | APPLICATION NO. | | | | | | | DATE | | | |
|----------|----------------|-----|------|-------------|------------|------------|---------------|------|----------------------------------|------------------|----|------|------|-----|----------|----------|----------|-----|-----|--|
| US | US 5986135 | | | | | | 19991116 | | | US 1998-160894 | | | | | | | | | | |
| | ZA 9905673 | | | | | | | | | ZA 1999-5673 | | | | | | | 19990902 | | | |
| JP | JP 2000119275 | | | | A | | 20000425 | | | JP 1999-265647 | | | | | | 19990920 | | | | |
| IN | IN 1999CA00806 | | | | A | | 20060526 | | | IN 1999-CA806 | | | | | | 19990921 | | | | |
| KR | KR 2000023437 | | | | A | | 2000 | 0425 | | KR 1999-41162 | | | | | 19990922 | | | | | |
| EP | 989130 | | | | A1 2000032 | | | | EP 1999-307522 | | | | | | | 19990923 | | | | |
| EP | 989130 | | | B1 20040825 | | | | | | | | | | | | | | | | |
| | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GF | ₹, | IT, | LI, | LU, | NL, | SI | E, M | c, | PT, | |
| | | | | | LV, | | | | | | | | | | | | | | | |
| BR | 9904354 | | | | A 20000912 | | | | BR 1999-4354 | | | | | | | 19990923 | | | | |
| | | | | | | | | | AT 1999-307522 | | | | | | | | | | | |
| | | | | | | | EP 2004-13958 | | | | | | | | | | | | | |
| | R: | | | | | | | | | | | IT, | LI, | LU, | NL, | SI | , M | С, | PT, | |
| | | | | | | | | MK, | | | | | | | | | | | | |
| TW | TW 225061 | | | | | В 20041211 | | | | TW 1999-88116397 | | | | | | 19990923 | | | | |
| PT | PT 989130 | | | | T 20041231 | | | | PT 1999-307522 ES 1999-307522 | | | | | | | 19990923 | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | CN 1999-120740 | | | | | | | | | | |
| | 6204 | | | | | | | | | | | | | | | | 199 | | | |
| PRIORITY | APP | LN. | INFO | . : | | | | | 1 | US | 19 | 98- | 1608 | 94 | | A | 199 | 809 | 925 | |
| | | | | | | | | | 1 | EP | 19 | 99-3 | 3075 | 22 | | АЗ | 199 | 909 | 923 | |

OTHER SOURCE(S): MARPAT 131:337031

IT 214633-93-9 214633-94-0

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)

(racemic comparison compound; preparation of optically active fungicidal

[[(trifluoromethyl)alkyl]amino]triazolopyrimidines)

RN 214633-93-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N
(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 186 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
AB The title compds. [I, NR1R2 = piperidino, 4-methylpiperidino, L1-L3 = H,
F, Cl (at least one of which being F or Cl] which show selective
fungicidal activity, were prepared Thus, reacting 6-(2-chloro-6fluorophenyl)-5-chloro-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5a]pyrimidine with di-Et malonate in the presence of N8H in MeCN followed
by treatment of the resulting di-Et [6-(2-chloro-6-fluorophenyl)-7-(4methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidin-yl]malonate with
concentrate HCl afforded I [R1R2 = (CH2)2CH(Me)(CH2)2; L1 = Cl; L2 = F;
L3 = H]

m)
which showed ED50 > 90 at 0.2 mg/mL in test with Alternaria solani.
ENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS REFERENCE COUNT: RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 187 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

IT 249648-16-6P, 5-Chloro-6-(2,4,6-trifluorophenyl)-7-[N-(S)-(1,1,1-trifluoroprop-2-yl)amino]-1,2,4-triazolo[1,5-a]pyrimidine 249648-17-7P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (target compound; preparation of optically active fungicidal [[(crifluoromethyl)alkyl]amino|triazolopyrimidines)
RN 249648-16-6 CAFUUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-[(S)-2,2,2-trifluoro1-methylethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Absolute stereochemistry.

RN 249648-17-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-

L11 ANSWER 187 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN [(1S)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME (Continued) (CA INDEX NAME)

Absolute stereochemistry.

AB An improved process for the preparation of (S)-1,1,1-trifluoroalky1-2-amines I is disclosed (Wherein R1 = C1-6 alky1). (S)-I are prepared from the corresponding racemic mixts., which process includes treating 1 part by mole of the racemic mixture with approx. 0.3 to 0.7 part by mole of D-(-)-tartaric acid in the presence of an inert solvent. The method is particularly applicable in the production of intermediates for certain fungicidal triazolopyrimidine derivs. For instance, treatment of racemic CF3CH (NH2)CH3 (II) with D-(-)-tartaric acid in MeOH, followed by heating, cocoling, filtration of product, drying, and 2 recrystns., gave (S)-II D-(-)-tartrate with > 85% enantiomeric excess (ee). This was converted to

the free amine (S)-II with 50% aqueous NaOH. Condensation of the free amine

amine
with 5,7-dichloro-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5alpyrimidine in CH2Cl2 gave after recrystn. title compound (S)-III with >
98 ee. This enantiomer of III was more potent than racemic III against
apple scab, both curatively and prophylactically.

REFERENCE COUNT:

4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

(Continued) L11 ANSWER 188 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

249890-98-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249890-99-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl-1-piperidinyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249891-00-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

L11 ANSWER 188 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 1999:731774 CAPLUS COLUMENT NUMBER: 131:337030

TITLE:

131:337030
Preparation of fungicidal trichlorophenyl-triazolopyrimidines
Pees, Klaus-Tuergen
American Cyanamid Company, USA
U.S., 8 pp.
CODEN: USLXXAM

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| PAT | TENT NO. | KIND | DATE | API | PLICATION NO. | | DATE |
|----------|---------------|------|----------|-----|---------------|---|----------|
| | | | | | | | |
| US | 5985883 | A | 19991116 | US | 1998-160568 | | 19980925 |
| JP | 2000103790 | A | 20000411 | JP | 1999-257239 | | 19990910 |
| FR | 2784381 | A1 | 20000414 | FR | 1999-11675 | | 19990917 |
| FR | 2784381 | B1 | 20031121 | | | | |
| US | 6242451 | B1 | 20010605 | US | 1999-405413 | | 19990924 |
| PRIORITY | APPLN. INFO.: | | | US | 1998-101764P | P | 19980925 |
| | | | | US | 1998-160568 | A | 19980925 |

OTHER SOURCE(S): MARPAT 131:337030
IT 249890-96-8P 249890-97-9P 249890-98-0P
249890-99-1P 249891-00-7P 249891-01-8P
249891-02-9P 249891-06-3P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study; PREP (Preparation); USES (Uses) (preparation of fungicidal trichlorophenyl-triazolopyrimidines)
RN 249890-96-8 CAPLUS
C [1,2,4]Triazologi(1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trichlorophenyl) - (CA INDEX NAME)

249890-97-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

(Continued) L11 ANSWER 188 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

249891-01-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249891-02-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

249891-03-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(2,4,6-trichlorophenyl)- (CA INDEX NAME)

L11 ANSWER 188 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

249891-04-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trichlorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3C-CH2-NH , C1

249891-05-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

249891-06-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trichlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 188 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The title compds. [I; R1 = alkyl, haloalkyl, alkenyl, etc.; NR1R2 = (un)substituted heterocyclyl with 5-6 carbon atoms; Hal = halo] which AB

selective fungicidal activity, in particular against rice blast disease, were prepared Thus, reaction of Et2NH with 5,7-dichloro-6-(2,4,6-trichlorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine (preparation given) in

presence of Et3N in CH2Cl2 afforded I [R1 = R2 = Et; Hal= C1] which and MIC of 0.10 $\mu g/mL$ in the Serial Dilution Test with Pyricularia grisea f.

sp. Oryzae. REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

GI

ANSWER 189 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
SSION NUMBER: 1999:655947 CAPLUS
MENT NUMBER: 131:257580
E: Preparation of pentafluorophenyltriazolopyrimidines ACCESSION NUMBER: DOCUMENT NUMBER: agrochemical fungicides.
Pees, Klaus Jurgen; Liers, Peter; Karla, Cornelia
American Cyanamid Company, USA
U.S., 10 pp., Cont.-in-part of U.S. 5,817,663.
CODEN: USXXAM PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: Patent English

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|------------|
| | | | | |
| US 5965561 | A | 19991012 | US 1998-53808 | 19980402 |
| US 5817663 | A | 19981006 | US 1996-729704 | 19961007 |
| CN 1178792 | A | 19980415 | CN 1997-119259 | 19970925 |
| JP 10152489 | A | 19980609 | JP 1997-284246 | 19971002 |
| AT 221069 | T | 20020815 | AT 1997-307813 | 19971003 |
| GB 2355261 | A | 20010418 | GB 1999-24253 | 19991013 |
| PRIORITY APPLN. INFO.: | | | US 1996-729704 A | 2 19961007 |

K SOURCE(S): MARPAT 131:257580 205253-09-4P 205253-10-7P 205253-11-8P 205253-12-9P 205253-13-0P 205253-14-1P 205253-15-2P 205253-16-3P 205253-17-4P 205253-18-5P 205253-19-6P 205253-20-9P 205253-22-1P 205253-23-2P 205253-24-3P 205319-08-0P RL: AGP (Arrefund) OTHER SOURCE(S): MARPAT 131:257580

205319-08-0P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pentafluorophenyltriazolopyrimidines as agrochem. fungicides)
205253-09-4 CAPLUS

205235-09-4 CAPBOS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-10-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(pentafluozophenyl)- (9CI) (CA INDEX NAME)

(Continued) L11 ANSWER 189 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

205253-11-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-12-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-13-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(pentafluozophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 189 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 205253-14-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6(pentafluorophenyl)-N-2-propenyl- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{F} \\ \text{F} \\ \text{F} \end{array} \begin{array}{c} \text{Et} \\ \text{N} \\ \text{CH}_2\text{-CH} \\ \text{CH}_2 \end{array}$$

RN 205253-15-2 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

RN 205253-16-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(pentafluorophenyl)-7-(1-piperidinyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 189 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 205253-20-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-6(pentafluorophenyl)- (9CI) (CA INDEX NAME)

RN 205253-22-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cycloheptyl-6(pentafluorophenyl) - (9CI) (CA INDEX NAME)

RN 205253-23-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-6(pentafluorophenyl)-N-2-propenyl- (9CI) (CA INDEX NAME)

L11 ANSWER 189 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 205253-17-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl-1-piperidinyl)-6(pentafluorophenyl)- (9CI) (CA INDEX NAME)

RN 205253-18-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6(pentafluorophenyl)- (9CI) (CA INDEX NAME)

RN 205253-19-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6(pentafluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 189 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{array}{c} \text{Me} \\ \text{F} \\ \text{F} \end{array} \begin{array}{c} \text{N-CH}_2\text{-CH-CH}_2 \\ \text{N} \\ \text{N} \end{array}$$

RN 205253-24-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylpzopyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

RN 205319-08-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[0,2.2.1]heptyl-5-chloro-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

$$\bigcap$$

GI

L11 ANSWER 189 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. [I; R1, R2, R5, R6 = H, (substituted) alkyl, alkenyl, alkynyl, alkadienyl, aryl, bicycloalkyl, heterocyclyl; NR1R2 = (substituted) heterocyclyl; R3 = halo, NR5R6; R4, R7 = H, alkyl, aryl; A

N, CR7], were prepared Thus, di-Et pentafluorophenylmalonate (preparation given) was heated with Bu3N and 2-amino-1,2,4-triazole at 180° to give 5,7-dihydroxy-6-pentafluorophenyl-1,2,4-triazolo[1,5-a]pyrimidine. This was refluxed with PC013 for 4 h to give 5,7-dichloro-6-pentafluorophenyl-1,2,4-triazolo[1,5-a]pyrimidine. The latter was stirred with Me2CHNH2 and

1,2,4-traeacc...

and

Et3N in CH2Cl2 to give

5-chloro-7-isopropylamino-6-pentafluorophenyl-1,2,4triazolo[1,5-a]pyrimidine. I showed min. inhibitory concns. of 0.2-125
mg/mL against Alternaria solani.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE

Agjuvants for enhancement of the efficacy of triazolopyrimidine derivative fungicides Aven, Michael; Van Tuyl Cotter, Henry; May, Leslie American Cyanamid Co., USA; BASF Aktiengesellschaft Eur. Pat. Appl., 24 pp. CODEN: EEXXDW PATENT ASSIGNEE(S): SOURCE: DOCUMENT TYPE: English DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: KIND PATENT NO. DATE APPLICATION NO. DATE EP 943241 A1 19990922 F 1999-301958 19990315

EP 943241 B1 20030625

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, FT, IE, SI, LT, LV, FT, RO

JP 11322517 A1 199901124 JP 1399-66775 19990312

AT 243420 T 20030715 AT 1999-301958 19990315

PT 943241 T 20031128 PT 1999-301958 19990315

ES 2203011 T 3 20040401 ES 1999-301958 19990315

EN 1999CA00215 A 20051028 IN 1999-CA215 19990315

PRIORITY APPLN. INFO: US 1998-42968 A 19980317

Adjuvants for enhancement of the efficacy of

L11 ANSWER 190 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 1999:636063 CAPLUS

131:224874

DOCUMENT NUMBER:

TITLE:

INVENTOR(S):

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 190 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Adjuvants selected from liquid polyalkoxylated aliphatic alcs., solid

um hydrocarbyl sulfonates and polyalkoxylated trisiloxanes enhance the efficacy of fungicidal triazolopyrimidines. They can be incorporated

into
formulations of the fungicidal compds. or be added to spray mixts. (tank mix) as sep. formulated additives in order to improve the efficacy, systemicity and spectrum of these fungicides.

REFERENCE COUNT:

3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CAPLUS COPYRIGHT 2008 ACS on STN
1999;626195 CAPLUS
131:220731
Preparation of 6-(2-halo-4-alkoxyphenyltriazolopyrimidines as agrochemical fungicides.
Pfrengle, Waldemar
American Cyanamid Company, USA
PCT Int. Appl., 35 pp.
CODEN: PIXXD2
Patent
English
2 ACCESSION NUMBER: DOCUMENT NUMBER: TITLE: INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | TENT : | KIN | | DATE | | | | LICAT | | | | | ATE | | | | |
|---------|--------------|-------|-----|------|---------|-------------|----------------|--------------|-----|----|----------------|------|-----|-----|------|--------------|-----|
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| | | DK, | EE, | ES, | FI, | GB, | GE, | GH, | GM, | HP | , HU, | ID, | IL, | IN, | IS, | JP, | KE, |
| | | | | | | | | | | | , LU, | | | | | | |
| | | MX, | NO, | NZ, | PL, | PT, | RO, | RU, | SD, | SE | , SG, | SI, | SK, | SL, | TJ, | TM, | TR, |
| | | TT, | UA, | UG, | UZ, | VN, | YU, | ZA, | ZW | | | | | | | | |
| | RW: | GH, | GM, | KE, | LS, | MW, | SD, | SL, | SZ, | UG | , ZW, | AT, | BE, | CH, | CY, | DE, | DK, |
| | | ES, | FI, | FR, | GB, | GR, | IE, | IT, | LU, | MC | , NL, | PT, | SE, | BF, | ВJ, | CF, | CG, |
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| | | | | | VN, | | | | | | | | | | | | |
| | RW: | | | | | | | | | | , AT, | | | | | | |
| | | | | | | | | | | PΊ | , SE, | BF, | ΒJ, | CF, | CG, | CI, | CM, |
| | | | | ML, | | | SN, | | | | | | | | | | |
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| | 9930 | | | | A DO | | 1999: 2002: | 1018 | | ΑU | 1999- | 3098 | 5 | | 1 | 9990 | 319 |
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| | 1066 | | | | A 2.1 | | 2000. | 1128 | | BK | 1999- 1999- | 9009 | c 0 | | 1 | 9990 9990 | 319 |
| | 1066 | 201 | | | B1 | | 2001 | | | LP | 1999- | 9120 | ю | | 1 | 2320 | 213 |
| LF | | | | | | | | | CB | CP | , IT, | тт | NII | CF | DT | TF | ET. |
| HIT | 2001 | | | | A2 | | | | | | | | | | | 9990 | |
| | 2001 | | | | | 2001 | 1428 | HU 2001-1751 | | | | | | | ,,,, | 010 | |
| N17 | 5069 | 12 | | | 25 | | 20031 | 1328 | | MZ | 1999- | 5069 | 12 | | 1 | 9990 | 319 |
| JP | 2003 | 5221 | oο | | т | | 2003 | 1722 | | JP | 2000- | 5378 | 76 | | 1 | 9990 | 319 |
| | 3747 | | | | B2 | | 2006 | 0222 | | | | | | | | | |
| AT | 2995 | 05 | | | Т | | 2005 | 0715 | | AT | 1999- | 9126 | 60 | | 1 | 9990 | 319 |
| PT | 1066 | 291 | | | т | | 2005 | 1031 | | PT | 1999- | 9126 | 60 | | 1 | 9990 | 319 |
| IN | 2000 | CNOO: | 512 | | A | | 2005 | 0304 | | IN | 1999- 2000- | CN51 | 2 | | 2 | 0001 | 012 |
| PRIORIT | | | | | | | | | | WO | 1998- | US56 | 15 | | W 1 | 9980 | 323 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | US | 1998- | 1608 | 99 | | A 1 | 9980 | 925 |
| | | | | | | | | | | US | 1997- | 8433 | 23 | | A 1 | 9970 | 414 |
| | | | | | | | | | | US | 1998- | 1505 | 72 | | A 1 | 9980 | 910 |
| | | | | | | | | | | WO | 1999- | US59 | 15 | | W 1 | 9990 | 319 |
| | | | | | | | | | | | | | | | | | |

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
OTHER SOURCE(S): MARPAT 131:228731
IT 214634-49-8P 244092-06-6P 244092-07-7P
244092-08-8P 244092-10-4P 244092-10-2P
244092-11-3P 244092-12-4P 244092-13-5P
244092-11-9P 244092-12-4P 244092-13-5P
244092-17-9P 244092-18-0P 244092-19-1P
244092-20-4P 244092-21-8P 244092-25-6P
244092-23-7P 244092-24-8P 244092-25-9P
244092-23-P 244092-23-P 24092-31-7P
244092-32-8P 244092-30-6P 244092-31-7P
244092-32-8P 244092-30-6P 244092-31-7P
244092-32-8P 244092-30-6P 244092-31-7P
244092-32-8P 244092-36-2P 244092-33-4P
244092-38-4P 244092-36-2P 244092-33-1P
244092-38-4P 244092-36-2P 244092-33-1P
244092-38-4P 244092-35-3P 244092-38-4P
244092-38-4P 244092-35-3P 244092-38-4P
244092-47-5P 244092-45-3P 244092-49-7P
RL: ACR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 6-(2-halo-4-alkoxyphenyl-triazolopyrimidines as agrochem.

(preparation 6. 6. 6. 7. agrochem.
fungicides)

RN 214634-49-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

244092-06-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-07-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(1-methylethyl)- (CA INDEX NAME)

244092-08-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

244092-09-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-10-2 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(1-methylethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

244092-11-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxy-2,6-difluoxophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

244092-12-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,6-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-13-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N,N-dlethyl- (CA INDEX NAME)

244092-14-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(1-methylpropyl)- (CA INDEX NAME)

244092-15-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(3,6-dihydro-1(2H)-pyridinyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-16-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-morpholinyl)- (CA INDEX NAME)

244092-17-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(4-thiomorpholinyl)- (CA INDEX NAME)

244092-18-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-22-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,6-difluoro-4-methoxyphenyl)- (CA INDEX NAME)

244092-23-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(2,6-dffluoro-4-methoxyphenyl)- (CA INDEX NAME)

244092-24-8 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-19-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Et} & \text{CH2} \\ \text{N=CH2-C-Me} \end{array}$$

244092-20-4 CAPLUS
4-Fiperidinemethanol, 1-[5-chloro-6-(2,6-difluoro-4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

244092-21-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-7-[4-(fluoromethyl)-1-piperidinyl]- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-25-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(18)-2,2,2-trifluoro-1-methylphenyl) (CA INDEX NAME)

 $\begin{array}{lll} 244092-26-0 & CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[(3-methyl-2-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- & (9CI) \\ \end{array}$ CN

(CA INDEX NAME)

 $244092-27-1 \quad CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[(2-methyl-3-butenyl) oxy] phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI)$

INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-28-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(3-methylbutoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{Me}_2 \text{CH} - \text{CH}_2 - \text{CH}$$

244092-29-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(phenylmethoxy)phenyl]-M-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX RN CN

244092-30-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(2-

ethoxyethoxy)ethoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoro-1-methylethyl)(CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 244092-34-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(4-ethoxy-2,6-difluoropheny1)7-(hexahydro-1H-azepin-1-y1)- (CA INDEX NAME)

244092-35-1 CAPLUS [1,2,4]Tiazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-(2,2-dimethylpropoxy)-2,6-difluorophenyl]-N-ethyl-N-(2-methyl-2-propenyl)-(9CI) (CA INDEX NAME)

244092-36-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-methoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{array}{c} \text{Me} \\ \text{EtO-CH}_2\text{-CH}_2\text{-O-CH}_2\text{-CH}_2\text{-O} \\ \end{array} \\ \begin{array}{c} \text{F} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \end{array}$$

RN 244092-31-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-[2-(2-methoxyethoxy)ethoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

244092-32-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxy-2,6-diffluorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

244092-33-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxy-2,6-difiluorophenyl)-N-ethyl-N-(2-methyl-2-propenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-37-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-methoxypropoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX

244092-38-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(2-butenyloxy)-2,6-difluorophenyl]-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)

$$\mathsf{Me-CH} = \mathsf{CH-CH}_2 - \mathsf{O} \qquad \qquad \mathsf{F} \qquad \mathsf{NH-CH-CF}_3$$

244092-39-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
chloro-6-[2,6-difluoro-4-(2,2,2trifluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX
NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-43-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (CA INDEX NAME)

Absolute stereochemistry.

244092-44-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(1,2,2-trimethylpropyl)- (CA INDEX NAME)

244092-45-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine,
loro-6-(2-fluoro-4-methoxyphenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 244092-49-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(4-butoxy-2,6-difituorophenyl)-5chloro-N-(2,2,2-trifituoro-1-methylethyl)- (CA INDEX NAME)

IT 214633-94-0

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of 6-(2-halo-4-alkoxyphenyl-triazolopyrimidines as agrochem

fungicides)
214633-94-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

244092-46-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

244092-47-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-propenyloxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX

244092-48-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-(2,2-difluoroethoxy)-2,6-difluorophenyl]-N-(2,2,2-trifluoro-1-methylethyl)-(CA INDEX NAME)

L11 ANSWER 191 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Title compds. [I; R1, R2 = H, (substituted) alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, heterocyclyl; R1R2N = (substituted) heterocyclyl; R3 = alkyl, alkenyl, alkynyl, phenylalkyl, alkoxyalkyl, polyalkoxyalkyl, Ph, haloalkyl; L1 =

F, Cl; L2 = F, Cl; X = halo], were prepared Thus, 4-methylpiperidine,

Et3N,
and 5,7-dichloro-(2,6-difluoro-4-methoxyphenyl)-1,2,4-triazolo[1,5-a]pyrimidine (preparation given) were stirred 16 h to give 5-chloro-(2,6-difluoro-4-methoxyphenyl)-7-(4-methylpiperid-1-yl)-1,2,4-triazolo[1,5-a]pyrimidine. The latter showed a min. inhibitory concentration of 00.05 µg/mL against Alternaria solani.

REFERENCE COUNT:

RECORD. ALL CITATIONS AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 192 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1999;571812 CAPLUS

DOCUMENT NUMBER: 131:181114

Preparation of fungicidal
trifluoromethylalkylaminotriazolopyrimidine
derivatives.

INVENTOR(S): Pees, Klaus-Juergen; Krummel, Guenter; Van Tuyl
Cotter, Henry; Albert, Guido; Rehnig, Annerose; May,
Leslie; Pfrengle, Waldemar
American Cyanamid Company, USA
U.S., 10 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE A 19990907 US 1998-54580 US 1997-43820P US 5948783 19980403 PRIORITY APPLN. INFO.:

GI

L11 ANSWER 193 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1999:505744 CAPLUS
DOCUMENT NUMBER: 131:126721
IIILE: Emulsifiable pesticide concentrate
INVENTOR(S): Aven, Michael; Cotter, Henry Van Tuyl
American Cyanamid Company, USA; BASF
Aktiengesellschaft
SOURCE: Eur. Pat. Appl., 16 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: PAMILY ACC. NUM. COUNT: 1

LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PA: | TENT | NO. | | | KIN | D | DATE | | A | PP | LICAT | ION : | D | ATE | | | | | |
|-------|------|-------|-------|------|-----|-----|-----|------|------|-----|----------------|-------|-------|-----|-----|-----|----------|-----|--|--|
| | | | | | | | - | | _ | | | | | | | | | | | |
| | EP | 9330 | 25 | | | A1 | | 1999 | 0804 | E | EP 1999-300333 | | | | | | 19990119 | | | |
| | EP | 9330 | 25 | | | В1 | | 2004 | 0804 | | | | | | | | | | | |
| | | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GR | , IT, | LI, | LU, | NL, | SE, | MC, | PT, | | |
| | | | IE, | SI, | LT, | LV, | FI, | RO | | | | | | | | | | | | |
| | BR | 9900 | 060 | | | A | | 2000 | 0321 | В | R | 1999- | 50 | | | 1 | 9990 | 114 | | |
| | JP | 1126 | 9006 | | | A | | 1999 | 1005 | J | P | 1999- | 9174 | | | 1 | 9990 | 118 | | |
| | AT | 2723 | 13 | | | Т | | 2004 | 0815 | A | Т | 1999- | 3003 | 33 | | 1 | 9990 | 119 | | |
| | PT | 9330 | 25 | | | T | | 2004 | 1231 | P | Т | 1999- | 3003 | 33 | | 1 | 9990 | 119 | | |
| | ES | 2226 | 279 | | | Т3 | | 2005 | 0316 | E | S | 1999- | 3003 | 33 | | 1 | 9990 | 119 | | |
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| PRIOR | RIT: | / APP | LN. | INFO | .: | | | | | U | S | 1998- | 8819 | | | A 1 | 9980 | 120 | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | U | S | 1998- | 5952 | | - 1 | A 1 | 9980 | 120 | | |

CTHER SOURCE(S): MARPAT 131:126721

IT 187233-48-3

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(emulsifiable concentrate of)

RN 187233-48-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

AB The title concentrate contains at least one pesticide, especially a fungicide or herbicide, a solvent which consists of one or more esters of plant oils,

cosolvent selected from water-miscible polar aprotic solvents, and an emulsifying surfactant system, forming an oil in water emulsion when the

L11 ANSWER 192 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The trifluoromethylalkylaminotriazolopyrimidine derivs. I (R1 = H or Me; R2 = H, alkyl or alkynyl; Hal = Cl or Br; L1-5 = H or halo) are prepared

fungicides.

REFERENCE COUNT: THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 193 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) formulation is added to water.

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 194 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 1999:106975 CAPLUS DOCUMENT NUMBER:

Preparation of 5-alkyltriazolopyrimidines, and agrochemical bactericidal and fungicidal compositions containing them
Pfrengle, Waldermar Franz Augustin
American Cynamaid Co., Japan
Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: J TITLE:

INVENTOR(S):
PATENT ASSIGNEE(S):
SOURCE:

DOCUMENT TYPE: LANGUAGE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE JP 11035581 FR 2765875 FR 2765875 19990209 19990115 19991119 JP 1998-208531 FR 1998-8423 19980709 PRIORITY APPLN. INFO.: US 1997-892495 A 19970714

OTHER SOURCE(S): MARPAT 130:168390
IT 187233-48-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 5-alkyltriazolopyrimidines as agrochem. bactericides

fungicides)
187233-48-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

GT

ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER:

DOCUMENT NUMBER: TITLE:

CAPLUS COPYRIGHT 2008 ACS on STN
1998:708827 CAPLUS
129:302657
Preparation of fungicidal
[trifluoromethyl(alkyl)amino]triazolopyrimidines
Pees, Klaus-Juergen; Krummel, Guenter; Van Tuyl
Cotter, Henry; Rehnig, Annerose; May, Leslie;
Pfrengle, Waldemar; Albert, Guido
American Cynamaid Co., USA
PCT Int. Appl., 39 pp.
CODEN: PIXXD2
Patent
English INVENTOR(S):

PATENT ASSIGNEE(S):

| NGUAGE: | Eng | lish | | |
|----------------------------|------------------------|----------------------|----------------------------------|----------------------|
| MILY ACC. NUM. CC | UNT: 2 | | | |
| TENT INFORMATION: | | | | |
| | | | | |
| PATENT NO. | | | APPLICATION NO. | DATE |
| | | | | |
| WO 9846608 | | | | 19980323 |
| | | | BG, BR, BY, CA, CH, CN, | |
| | | | GM, GW, HU, ID, IL, IS, | |
| | | | LT, LU, LV, MD, MG, MK, | |
| | | | SE, SG, SI, SK, SL, TJ, | TM, TR, TT, |
| | , UZ, VN, | | | |
| | | | UG, ZW, AT, BE, CH, DE, | |
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| | | NE, SN, TD, | | |
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| | , LT, LV, | | | |
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| JP 2001520650 | | | | 19980323 |
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| CN 1104433 AT 239727 | B T | 20030402 | CN 1998-805241 AT 1998-914274 | 19980323 19980323 |
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| EP 945453 | | 20021120 | | 19990312 |
| | | | | CE MC DE |
| | , CH, DE, , LT, LV, | | GB, GR, IT, LI, LU, NL, | SL, MC, PI, |
| AT 228133 | , ш, ш, Т | 20021215 | am 1999_301910 | 19990312 |
| PT 945453 | T | 20030331 | AT 1999-301910 PT 1999-301910 | 19990312 |
| | | | ES 1999-301910 | |
| DD 2100094 | 1.0 | 20030010 | HD 1333 301910 | 17770312 |

L11 ANSWER 194 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The title compds. I [R1 = (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R2 = H, (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R1NR2 may form (un)substituted heterocyclyl; R3 = 1.

If R4 = H, alkyl, aryl; L = halo, (un)substituted alkyl, alkoxy; A = N, CR5; R5 = similar group as shown in R4; n = 0-5] are claimed. I (R1, R2, R4, A, L, n = same as above; R3 = Me) are prepared by treatment of S-haloacopyrimidines I (R1, R2, R4, A, L, n = same as above; R3 = halo) with alkyl malonate in the presence of bases, then heating the resulting modified malonate esters with acids. I [R1NR2 = 4-methylpiperidin-1-y1, R3 = CH (CO2Et)2, R4 = H, A = N, Ln = 2-Cl, 6-F] (0.5 g) was treated with concentrated HCl at 80° for 24 h to give 0.27 g I (R1NR2, R4, A, Ln = same as above, R3 = Me), which showed strong antimicrobial activities.

| | SWER 195 | OF 19 | 9 0 | APLU | JS | COPY | RIGH | r 20 | 08 | ACS | on ST | N | (C | ont | inued |) |
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| | | EE, | | | | | | | | | | | | | | |
| | | KP, | | | | | | | | | | | | | | |
| | | NO, | | | | | | | | | | | | | | |
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| | | UA, | | | | | | | | | | | | | | |
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| ED | 1066291 | | | a.1 | | 2001 | 1110 | | ED | 1999 | 9126 | 60 | | | 19991 | 319 |
| ED | 1066291 | | | n1 | | 2001 | 2212 | | шЕ | 1000 | - 5120 | 00 | | | 10000 | 010 |
| LF | R: AT, | D.D. | | DI | D.75 | 2005 | 2713 | an. | | | | | an. | | | |
| | K: A1, | BE, | CH, | DE, | Dr, | ES, | PK, | GB, | 10 | K, 11. | . шт, | NL, | SE, | PI. | , IE, | r I |
| US | 6284762 | | | Bl | | 2001 | 0904 | | US | 1999 | -2729 | 17 | | | 19990 | 319 |
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| HU | 20010017 | 51 | | A3 | | 2003 | 0428 | | | | | | | | | |
| NZ | 506912 | | | A | | 2003 | 0328 | | NZ | 1999 | -5069 | 12 | | | 19990 | 319 |
| CZ | R: AT, 6284762 20010011 20010011 506912 291765 20035221 3747435 1528762 299505 | | | В6 | | 2003 | 0514 | | CZ | 2000 | -3472 | | | | 19990 | 319 |
| JP | 20035221 | .00 | | T | | 2003 | 0722 | | JP | 2000 | -5378 | 76 | | | 19990 | 319 |
| .TP | 3747435 | | | B2 | | 20061 | 1222 | | | | | | | | | |
| CN | 1529762 | | | 7 | | 2000 | 1915 | | CM | 2004 | -1000 | 5/150 | | | 10001 | 310 |
| 2.00 | 200505 | | | m | | 2004 | 2215 | | 2.00 | 1000 | 0100 | 5450 | | | 10000 | 210 |
| A1 | 1574513 | | | 3.7 | | 2005 | 2014 | | TIT. | 2005 | 0710 | 00 | | | 19990 | 210 |
| Lif | 13/4313 | | | WI | | 2000 | 2214 | | DF. | 2005 | -0310 | | | | 19990 | 212 |
| | R: AT, | BE, | CH, | DE, | DK, | ES, | FK, | GB, | (i) | K, IT. | . ш., | NL, | SE, | PT. | , IE, | E.T |
| ES | 2244183 | | | T3 | | 2005 | 1201 | | ES | 1999 | -9126 | 60 | | | 19990 | 319 |
| IN | 1999CA00 | 1255 | | A | | 2005 | 0311 | | IN | 1999 | -CA25 | 5 | | | 19990 | 322 |
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| NC | 9904973 | | | A | | 1999: | 1013 | | NO | 1999 | -4973 | | | | 19991 | 013 |
| NC | 313416 | | | В1 | | 2002 | 0930 | | | | | | | | | |
| BG | 64197 | | | B1 | | 2004 | 0430 | | BG | 1999 | -1038 | 05 | | | 19991 | 013 |
| TN | 200000000 | 1512 | | A | | 2005 | 3304 | | TN | 2000 | -CN51 | 2 | | | 20001 | 012 |
| 71 | 200000058 | 67 | | 7 | | 2001 | 1022 | | 73 | 2000 | -5867 | _ | | | 20001 | 020 |
| CZ | 2020000 | | | D.C | | 2001 | 1716 | | CZ | 2000 | -2218 | | | | 20001 | 624 |
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| PRIORII | I APPLN. | INFO. | | | | | | | 05 | 1997 | -0433 | 23 | | м. | 19970 | 414 |
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OTHER SOURCE(S): MARPAT 129:302657
IT 214633-87-1P 214633-88-2P 214633-99-3P
214633-90-6P 214633-91-7P 214633-92-8P
214633-93-9P 214633-94-0P 214633-95-1P
214633-96-2P 214633-97-3P 214633-98-4P
214633-99-5P 214634-00-4P

F3C-CH2-NH

RN 214633-88-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 214633-89-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethyl)- L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214633-90-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3C-CH2-NH
C1
N
N
N

RN 214633-91-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-Eluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F NH-CH2-CF3

RN 214633-92-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F C1 N N

RN 214633-93-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

Me NH-CH-CF3

RN 214633-94-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F NH-CH-CF3

RN 214633-95-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-(2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214633-96-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

Me NH-CH-CF3

RN 214633-97-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

P3C-CH-NH

RN 214633-98-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-propenyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F3C-CH2
F N-CH2-CH-CH2
F C1 N N N

RN 214633-99-5 CAPLUS CN [1,2,4]Trizolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-2-propenyl-N-(2,2,2-trifluoroethyl)-(9CI) (CA INDEX NAME)

F3C=CH2
C1 N=CH2=CH=CH2
F C1 N N

RN 214634-00-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoropheny1)-N-2-propenyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

F3C-CH2
F N-CH2-CH=CH2
CH2

RN 214634-01-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N2-propenyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Et | N-CH2-CF3

RN 214634-05-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-Nethyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F N-CH2-CF3

RN 214634-06-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F N-CH2-CF3

RN 214634-07-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-ethyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F3C-CH2
F N-CH2-CH-CH2
F C1
N N N N

RN 214634-02-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloropheny1)-N-2-propeny1-N-(2,2,2-trifluoroethy1)- (9CI) (CA INDEX NAME)

F3C-CH2
N-CH2-CH-CH2
C1
N
N
N
N

RN 214634-03-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-2-propsyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

RN 214634-04-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Et | C1 N-CH2-CF3

RN 214634-08-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-ethyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

Et N-CH2-CF3

RN 214634-09-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-methylphenyl)-n-(2,2,2-trifiluoroethyl)- (CA INDEX NAME)

Me N N N

RN 214634-10-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F3C-CH2
C1 N-Bu-i

RN 214634-11-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N(2-methylpropyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3C-CH2
F N-Bu-i

RN 214634-12-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-fluorophenyl)-N-(2methylpropyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3C-CH2

FN-Bu-i

RN 214634-13-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F C1 N N

RN 214634-17-0 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Me N-CH2-CF3

RN 214634-18-1 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-6-(2-methylphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

Me N-CH2-CF3

RN 214634-19-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-fluorophenyl)-N-(1methylethyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F3C-CH2
F N-Bu-i
F C1 N N

RN 214634-14-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-methylphenyl)-N-(2methylpropyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

F3C-CH2 N-Bu-i

RN 214634-15-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

Me N-CH2-CF3

RN 214634-16-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-Nmethyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

i-Pr F N-CH2-CF3

RN 214634-20-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N(1-methylethyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

i-Pr N-CH₂-CF₃

RN 214634-21-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

1-Pr F N-CH2-CF3

RN 214634-22-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

EN 214634-23-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,6-difluorophenyl)-N(1-phenylethyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 214634-24-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoropheny1)-N,N-bis(2,2,2-trifluoroethy1)- (CA INDEX NAME)

RN 214634-25-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N,N-bis(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-26-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N,N-bis(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 214634-27-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-bis(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 214634-28-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N,N-bis(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

N 214634-29-4 CAPLUS N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-bis(2,2,2-trifluorophyl)- (CA INDEX NAME)

RN 214634-30-7 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(1,2-dimethylpropyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 214634-31-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluoroethyl)6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-32-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-5-chlorophenyl)-5chloro-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

RN 214634-33-0 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chlorophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 214634-34-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

RN 214634-35-2 CAPLUS

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

214634-36-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-nitrophenyl)-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

214634-37-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (CA INDEX NAME)

 $\label{eq:continuous} \begin{array}{lllll} 214634-38-5 & \text{CAPLUS} \\ [1,2,4]\text{Triazolo}[1,5-a]\text{pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[1-(trifluoromethyl)\text{propyl}]-} & \text{(CA INDEX NAME)} \end{array}$

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-40-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-[1-(trifluoromethyl)propyl]- (CA INDEX NAME)

RN 214634-41-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoropheny1)-N-(2,2,2-trifluoro-1-phenylethy1)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-42-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (CA INDEX NAME)

214634-43-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214634-44-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-[1-(trifluoromethyl)propyl]- (CA INDEX NAME)

RN 214634-45-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[1-(trifluoromethyl)propyl)- (CA INDEX NAME)

214634-46-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (CA INDEX NAME)

214634-47-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
chloro-6-(2,4-difluorophenyl)-N(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-48-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1- (trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214634-49-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

214634-50-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214634-54-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

214634-55-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,3,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-51-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-5-chlorophenyl)-5-chloro-N-methyl-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

214634-52-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-6-fluorophenyl)-5-chloro-N-(2,2,2-trifluoroethyl)- (CA INDEX NAME)

214634-53-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-6-fluorophenyl)-5-chioro-N-(2,2,2-trifluoro-1-methylethyl)- (CA INDEX NAME)

L11 ANSWER 195 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

The title compds. [I; R1, R2 = H, (un)substituted alk(en)y1, alkyny1, alkadienyl or Ph; Hal = halo; L1-L5 = H, halo, alky1, alkoxy, NO2], fungicides with selective activity, were prepared by amination of 5,7-dihalo-6-phenyltriazolopyrimidines with trifluoroalkylamines. The

compds. are processed with carriers and adjuvants to fungicidal compns. For example, a stirred mixture of 1.4 mmol 5,7-dichloro-6-(2-chloro-6-fluorophenyl)-1,2,4-triazolo[1.5a]pyrimidine with 30 mL CH2C12 was

fluorophenyl)-1,2,4-triazololi.pajpyrammine with 0 m =

treated

with a mixture of 4.2 mmol CF3CH2NH2 and 10 mL CH2Cl2 and the whole was

stirred for 16 h at ambient temperature to give I (R2 = L2 = L3 = L4 =

H, L5 =

F) (II; R1 = H, L1 = Cl). II (R1 = Me, L1 = F) (III) inhibited mycelial

growth of Alternaria solani and Rhizoctonia solani with MIC 0.78 and 3.13

mg/mL, resp. Emulsion and suspension concentrate, wettable powder and

H2O-dispersible granule formulations containing III were given.

REFERENCE COUNT:

4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:
1998:708826 CAPLUS
DOCUMENT NUMBER:
129:3186233
Preparation of fungicidal
(trifluoropheny) triazolopy;inidines
PATENT ASSIGNEE(S):
SOURCE:
COEN: FIXXD2
PATENT TYPE:
PATENT
COEN: FIXXD2
PATENT
PAT

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| | | | | | | | | | | | | | | | | DATE | | |
|------|------|------|-----|------|-----|-------------|-----|------|------|-----|----|--------|------------|----------|-----|------|------|-----|
| | | | | | | A1 19981022 | | | | | | | | | | | | |
| | | W: | AL, | AM, | AT, | AU, | AZ, | BA, | BB, | BG, | BP | , BY, | CA, | CH, | CN, | CU, | CZ, | DE, |
| | | | DK, | EE, | ES, | FI, | GB, | GE, | GH, | GM, | GW | , HU, | ID, | IL, | IS, | JP, | KE, | KG, |
| | | | KP, | KR, | KZ, | LC, | LK, | LR, | LS, | LT, | LU | , LV, | MD, | MG, | MK, | MN, | MW, | MX, |
| | | | NO, | NZ, | PL, | PT, | RO, | RU, | SD, | SE, | SG | , SI, | SK, | SL, | TJ, | TM, | TR, | TT, |
| | | | UA, | UG, | UZ, | VN, | YU, | zw | | | | | | | | | | |
| | | RW: | GH, | GM, | KE, | LS, | MW, | SD, | SZ, | UG, | ZW | I, AT, | BE, | CH, | DE, | DK, | ES, | FI, |
| | | | FR, | GB, | GR, | IE, | IT, | LU, | MC, | NL, | PΊ | , SE, | BF, | ВJ, | CF, | CG, | CI, | CM, |
| | | | | | | | | SN, | | | | | | | | | | |
| | TW | 2522 | 31 | | | В | | | | | TW | 1998- | | 19980316 | | | | |
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| | EP | 9756 | 34 | | | A1 | | 2000 | 0202 | | EP | 1998- | 998-911927 | | | 1 | 9980 | 323 |
| | | R: | ΑT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GP | , IT, | LI, | LU, | NL, | SE, | PT, | IE, |
| FI | | | | | | | | | | | | | | | | | | |
| | | 2027 | | | | | | | | | | 1998- | | | | | | |
| | | 2160 | | | | | | | | | | 1998- | | | | _ | | |
| | | 9756 | | | | | | 2001 | | | | 1998- | | | | | | |
| | | | | | | | | | | | | 1998- | | | | | | |
| | | 3036 | | | | | | 2001 | | | | 2001- | | | | | | |
| PRIC | RIT: | APP | LN. | INFO | . : | | | | | | US | 1997- | 8433 | 22 | | A 1 | 9970 | 414 |
| | | | | | | | | | | | | | | | | | | 323 |

OTHER SOURCE(S): MARPAT 129:316233

IT 214633-89-3P 214633-94-0P 214633-98-4P
214634-06-7P 214634-13-6P 214634-17-0P
214634-21-6P 214634-29-4P
214634-21-6P 214634-43-2P 214634-48-7P
214706-52-2P 214706-55-3P
214706-55-5P 214706-55-66-6P 214706-57-7P
214706-58-8P 214706-56-6P 214706-63-5P
214706-61-3P 214706-62-4P 214706-63-5P
214706-64-6P 214706-63-P
214706-70-4P 214706-68-0P 214706-69-1P
214706-70-4P 214706-74-8P 214706-75-9P
214706-73-P 214706-74-8P 214706-75-9P
214706-76-0P 214706-80-0P 214706-75-9P
214706-76-0P 214706-80-0P 214706-75-9P
214706-76-0P 214706-80-0P 214706-78-2P
214706-78-3P 214706-80-0P 214706-78-2P
214706-82-8P 214706-80-0P 214706-88-0P

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
214706-85-1P 214706-86-2P 214706-97-3P
214706-88-4P 214706-89-5P 214706-90-8P
214706-91-9P 214706-99-D 214706-93-1P
214706-94-P 214706-99-8-3P 214706-99-7P
214706-97-5P 214706-98-6P 214706-99-7P
214707-00-3P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of fungicidal (trifluorophenyl)triazolopyrimidines)
RN 214633-89-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluorophenyl) 6-(2,4,6-trifluorophenyl) - (CA INDEX NAME)

NH-CH2-CF3

214633-94-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214633-98-4 CAPLUS

21405-20-4 CARDOS (1,5-a)pyrimidin-7-amine, 5-chloro-N-2-propenyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

(Continued)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

-CH2-CF3

- CH2-CF3

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214634-06-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2,2,2-trifluorophenyl)- (CA INDEX NAME)

CH2 CF3

214634-13-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F3C-CH2

214634-17-0 CAPLUS

[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

-CH2-CF3

F3C-CH2

i-Pr

RN 214634-31-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(2,2,2-trifluoroethyl)6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

214634-29-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-bis(2,2,2-trifluoropheny1)- (CA INDEX NAME)

214634-21-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

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L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me3Si-CH2
F N-CH2-CF3

RN 214634-42-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (CA INDEX NAME)

F NH-CH-CF3

RN 214634-43-2 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F C1 NH-CH-Et

RN 214634-48-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

$$\begin{array}{c|c} & \text{Et} & \text{CH2} \\ \hline F & \text{N-CH2-C-Me} \\ \hline \end{array}$$

RN 214706-55-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F N Me

RN 214706-56-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F NHPr-i

RN 214706-57-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F NH-CH-Fr-i

RN 214706-52-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F NEt 2

RN 214706-53-3 CAPLUS
CN [1,2,4]Triazzlo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F Cl N

RN 214706-54-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-58-8 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F C1 N N

RN 214706-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(4-thiomorpholiny1)-6-(2,4,6trifluoropheny1)- (CA INDEX NAME)

F C1 N N

RN 214706-60-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-yl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-61-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

214706-62-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-63-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3,6-dihydro-1(2H)-pyridiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\label{eq:continuous} 214706-64-6 \quad CAPLUS \\ [1,2,4] Triazolo [1,5-a] pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) \quad (CA INDEX NAME) \\ \\$

214706-65-7 CAPLUS [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

 $\label{eq:continuous} \begin{array}{lllll} 214706-66-8 & CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, & 5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- & (CA INDEX NAME) \\ \end{array}$

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-67-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-68-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

214706-69-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-70-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-71-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-72-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F N-Bu-i

RN 214706-73-7 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-N-methyl-6-(2,4,6-trifluorophenyl) (CA INDEX NAME)

 \Diamond

F C1 N N

RN 214706-74-8 CAPLUS
CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

F C1 N N N

RN 214706-75-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

F C1 NH-CH2-SiMe3

RN 214706-76-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-(1,4-dimethylpentyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

Me F NB-CH-CH₂-CH₂-CHMe₂

RN 214706-77-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-Nmethyl-6-(2,4,6-trifiluorophenyl)- (CA INDEX NAME)

Me Me Me N CH-Pr-i

RN 214706-78-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylbutyl)-6(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\begin{array}{c} \text{Me} \\ \text{F} \\ \text{F} \\ \text{Cl} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{N} \end{array}$

RN 214706-79-3 CAPLUS
CN 3-Piperidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

F CI N

RN 214706-80-6 CAPLUS
CN 3-Pytrolidinol, 1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pytmidin-7-yl]- (CA INDEX NAME)

F N N

RN 214706-81-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(3-fluorophenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

CH2 CH2 CH2 F NH

RN 214706-82-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(4-methylphenyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

CH-Me

RN 214706-83-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[4-(1,1-dimethylethyl) cyclohexyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-84-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(3,4-di)qrdo-1(2H)-pyridinyl)6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-85-1 CAPLUS
CN 2-Propanol, 1-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

RN 214706-86-2 CAPLUS
CN 4-Piperidinol, 1-{5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrinidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-90-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,1,3,3-tetramethylbutyl)-6-(2,4,6-trifluozophenyl)- (CA INDEX NAME)

EN 214706-91-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(1methylethyl)butyl]-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-92-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(1-pyrrolidiny1)-6-(2,4,6-trifluoropheny1)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-87-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpentyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

$$\begin{array}{c} Me \\ F \\ \hline \\ F \\ C1 \\ \end{array}$$

RN 214706-88-4 CAPLUS
CN 4-Piperidinemethanol,
1-[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo
[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

RN 214706-89-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(3-methylbutyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 214706-93-1 CAPLUS (1,2,4)Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dimethyl-6-(2,4,6-trifuorophenyl)- (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-96-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214706-97-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

RN 214706-98-6 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-bis(2-methylpropyl) - 6-(2,4,6-trifluorophenyl) - (CA INDEX NAME)

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB I (R1, R2 = H, alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, heterocyciyl; R1NR2 = heterocyclic ring; Hal = halo), which show agricultural fungicidal activity, were prepared E.g., reaction of 5,7-dichloro-6-(2,4,6-trifluorophenyl)-1,2,4-triazolo[1,5-alpyrimidine and Et2NH gave 5-chloro-6-(2,4,6-trifluorophenyl)-7-diethylamino-1,2,4-triazolo[1,5-alpyrimidine. The effectiveness of I as agricultural fungicides was tested.

REFERENCE COUNT: 4 TERER ARE 4 CITED ERFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L11 ANSWER 196 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

214706-99-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

214707-00-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (CA INDEX NAME)

GI

L11 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER: TITLE:

CAPLUS COPYRIGHT 2008 ACS on STN
1998:228997 CAPLUS
128:257444
Preparation of pentafluorophenylazolopyrimidines as
fungicides
Pees, Klaus-juergen; Liers, Peter; Karla, Cornelia
American Cyanamid Co., USA
Eur. Pat. Appl., 18 pp.
CODEN: EPXXDW
Patent
English
2

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE:

DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

| | PAT | TENT : | NO. | | | KIN | D | DATE | DATE | | | LICAT | D | DATE | | | | |
|-------|-----|--------|------|------|-----|-----|-----|------|----------|-----|----|-------|------|---------|-----|-----|------|-----|
| | | | | | | | - | | | | | | - | | | | | |
| | ΕP | 8345 | 13 | | | A2 | | 1998 | 19980408 | | | 1997- | 1 | 1997100 | | | | |
| | EΡ | 8345 | 13 | | | A3 | | 1998 | 0603 | | | | | | | | | |
| | EΡ | 8345 | 13 | | | В1 | | 2002 | 0724 | | | | | | | | | |
| | | R: | AT, | BE, | CH, | DE, | DK, | ES, | FR, | GB, | GF | , IT, | LI, | LU, | NL, | SE, | MC, | PT. |
| | | | IE, | SI, | LT, | LV, | FI, | RO | | | | | | | | | | |
| | US | 5817 | 663 | | | A | | 1998 | 1006 | U | S | 1996- | 7297 | 04 | | 1 | 9961 | 007 |
| | CN | 1178 | 792 | | | A | | 1998 | 0415 | C | N | 1997- | 1192 | 59 | | 1 | 9970 | 925 |
| | JΡ | 1015 | 2489 | | | A | | 1998 | 0609 | J | P | 1997- | 2842 | 46 | | 1 | 9971 | 002 |
| | ΑT | 2210 | 69 | | | T | | 2002 | 0815 | A | Т | 1997- | 3078 | 13 | | 1 | 9971 | 003 |
| | GB | 2355 | 261 | | | A | | 2001 | 0418 | G | В | 1999- | 2425 | 3 | | 1 | 9991 | 013 |
| PRIOR | ITY | APP | LN. | INFO | . : | | | | | U | S | 1996- | 7297 | 04 | | A 1 | 9961 | 007 |
| | | | | | | | | | | | | | | | | | | |

OTHER SOURCE(S): CASREACT 128:257444; MARPAT 128:257444
IT 205253-09-4P 205253-10-7P 205253-11-8P
205253-12-9P 205253-13-8P 205253-14-1P
205253-15-2P 205253-16-3P 205253-17-4P
205253-18-5P 205253-19-6P 205253-20-9P
205253-22-1P 205253-22-P 205253-24-3P

205319-08-0P

205319-08-0P
RI: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SFN (Synthetic preparation); BIOL (Biological study); PREF (Preparation); USES (Uses) (preparation of pentafluorophenylazolopyrimidines as fungicides) 205253-09-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-10-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(4-methyl-1-piperidinyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

205253-11-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c} F \\ F \\ \end{array}$$

205253-12-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-13-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

205253-17-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl-1-piperidinyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-18-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-19-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

L11 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

205253-14-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(pentafluorophenyl)-N-2-propenyl- (9CI) (CA INDEX NAME)

205253-15-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-16-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(pentafluorophenyl)-7-(1-piperidinyl)- (9C1) (CA INDEX NAME)

L11 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

205253-20-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-22-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cycloheptyl-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

205253-23-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-6-(pentafluorophenyl)-N-2-propenyl- (9CI) (CA INDEX NAME)

L11 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

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205253-24-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methyl-proyl)-6-(pentafluorophenyl)- (9C1) (CA INDEX NAME)

RN 205319-08-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2,2.1]heptyl-5-chloro-6-(pentafluorophenyl)- (9CI) (CA INDEX NAME)

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RACT

L11 ANSWER 197 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

AB The title compds. [I; Rl, R2 = H, (un)substituted alkyl, alkenyl, etc.; RIR2 with the adjacent nitrogen atom = (un)substituted heterocyclyl; R3 = H, halo, NRSR5 (wherein R5, R6 = R1, R2); R4 = H, alkyl, aryl; A = N, CR7 = R4)] which show selective fungicidal activity, were prepared Thus, reaction of di-Et malonate with CGFG in the presence of KZCO3 in DMF followed by treatment of the resulting di-Et pentafluorophenylnalonate with 2-amino-1,2,4-triazole in the presence of BuSN at 180°, halogenation of 5,7-dihydroxy-6-pentafluorophenyl-1,2,4-triazolo[1,5-a]pyrimidine with PCCl3, and reaction of 5,7-dichloro-6-pentafluorophenyl-1,2,4-triazolo[1,5-alpyrimidine with iPrNH2 in the presence of Et3N in CH2Cl2 afforded I [R1 = H; R2 = iPr; R3 = Cl; R4 = H; A = N] which showed,

showed, e.g., MIC of 1.56 against Pyrenophora teres.

ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CAPLUS COPYRIGHT 2008 ACS on STN
1997:127978 CAPLUS
126:171605
Preparation of triazolopyrimidines as agrochemical
fungicides
Pees, Klaus Jurgen; Albert, Guido
American Cyanamid Company, USA
U.S., 23 pp., Cont.-in-part of U.S. Ser. No. 276, ACCESSION NUMBER: DOCUMENT NUMBER:

INVENTOR(S):

PATENT ASSIGNEE(S): SOURCE: 384,

abandoned. CODEN: USXXAM Patent English DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. APPLICATION NO. DATE US 5593996 PRIORITY APPLN. INFO.: 19970114 US 1995-412401 EP 1991-122422 A A 19911230 US 1992-998113 B1 19921229 US 1994-276384 B2 19940718

OTHER SOURCE(S): MARPAT 126:171605
IT 150987-36-3F 150987-39-6F
R1: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SFN (Synthetic preparation); BIOL (Biological study); PREF (Preparation);

RN

(Reactant or reagent); USES (Uses)
(preparation of triazolopyrimidines as agrochem. fungicides)
150987-36-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-methoxyphenyl)- (CA INDEX NAME)

150987-39-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-phenyl-(CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

N
150987-15-8P 150987-16-9P 150987-19-2P
150987-20-5P 150987-21-6P 150987-22-7P
150987-22-8P 150987-21-6P 150987-22-7P
150987-22-8P 150987-28-3P 150987-23-1-8P
150987-27-2P 150987-28-3P 150987-31-8P
150987-32-9P 150987-33-0P 150987-33-1-8P
150987-35-2P 150987-37-4P 150987-38-5P
150987-43-2P 150987-41-0P 150987-46-5P
150987-41-6P 150987-48-7P 150987-46-5P
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150987-61-3P 150987-75-0P 150987-76-79
150987-61-3P 150987-75-0P 150987-76-79
150987-71-6P 150987-75-0P 150987-76-79
150987-71-6P 150987-75-0P 150987-76-79
150987-71-6P 150987-78-3P 150987-79-4P
150987-83-0P 150987-88-3P 150987-88-5P
150987-83-6P 150988-81-4P 150987-88-5P
150987-83-6P 150988-90-9P 150987-88-19
150988-79-6P 150988-05-9P 150988-10-1-P
150988-11-7P 150988-11-5P 150988-13-9P
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150988-11-7P 150988-11-5P 150988-13-9P
150988-19-5P 150988-24-2P 150988-21-9P 150988-11-7F 150998-12-8P 150998-13-9F 150998-14-0P 150998-13-15-1P 150998-13-4P 150998-13-4P 150998-13-60 150998-20-8P 150998-21-9P 150998-22-0P 150998-22-5P 150998-28-6P 150998-27-5P 150998-28-6P 150998-29-7P 150998-30-0P 187232-63-P 187233-38-8P 187233-38-8P 187233-38-8P 187233-38-8P 187233-33-6P 187233-33-8P 187233-33-8P 187233-33-3P 187233-33-3P 187233-33-3P 187233-34-7P 187233-34-3P 187233-34-5P 187233-41-6P 187233-45-0P 187233-46-1P 187233-47-P 187233-45-P 187233-45-P 187233-58-5P 187233-58-5P 187233-58-5P 187233-58-5P 187233-58-5P 187233-59-P 187233-69-P 1

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-66-4P 187233-66-5P 187233-70-1P

187233-1-2P 187233-72-3P 187233-73-4P

187233-71-2P 187233-72-3P 187233-73-6-7P

187233-71-6P 187233-73-8-9P 187233-79-0P

187233-97-6P 187233-78-9P 187233-99-0P

187233-99-2P 187233-97-2P 187233-99-4P

187233-95-0P 187233-97-2P 187233-99-4P

187234-01-1P 187234-09-9P 187233-91-6P

187234-23-1P 187234-13-5P 187234-11-3P

187234-23-1P 187234-22-6P 187233-29-6P

187234-31-5P 187234-22-6P 187233-29-6P

187234-31-5P 187234-33-9P 187234-24-8P

187234-31-3P 187234-33-9P 187234-35-1P

187234-31-3P 187234-45-3P 187234-47-5P

187234-43-1P 187234-45-3P 187234-47-5P

187234-49-7P 187234-57-7P 187234-73-9P

187234-61-3P 187234-57-7P 187234-73-9P

187234-61-3P 187234-57-7P 187234-73-7P

187234-61-3P 187234-71-5P 187234-73-7P

187234-75-9P 18

150987-16-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-cyclopentyl-6-phenyl-(CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN methoxyphenyl)- (CA INDEX NAME) (Continued)

150987-22-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3-methoxyphenyl)- (CA INDEX NAME)

150987-23-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-ethoxyphenyl)- (CA INDEX NAME)

150987-24-9 CAPLUS Cyclopentanol, 2-[[5-chloro-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-19-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-fluoro-6-(4-methoxyphenyl)- (CA INDEX NAME)

RN 150987-20-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-(2-chlorophenyl)-N-cyclopentyl5-iodo- (CA INDEX NAME)

 $\label{eq:caplus} 150987-21-6 \quad \text{CapLUS} \\ [1,2,4] \text{Triazolo}[1,5-a] \text{pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-chloro-N-cyclopentyl-6-chloro-N-cyclopentyl-6-(2-chloro-N-cyclopentyl-6-$

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-25-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(2,4,4-trimethylcyclopentyl)- (CA INDEX NAME)

150987-27-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(4-phenyl-1-piperidinyl)- (CA INDEX NAME)

150987-28-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(1-methylethyl)propyl]-6-phenyl- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Ph N N

RN 150987-31-8 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxyphenyl)-N-(1methylethyl)- (CA INDEX NAME)

NHPr-i

RN 150987-32-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(2,2,5-trimethylcyclohexyl)- (CA INDEX NAME)

Me Me NH Ph N N N

RN 150987-33-0 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,3-d-th)qto-1H-inden-2-y1)-6-phenyl- (CA INDEX NAME) L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Ph NH N

RN 150987-34-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3-chlorophenyl)-N,Ndimethyl- (CA INDEX NAME)

C1 N N

RN 150987-35-2 CAPLUS CN [1,2,4]Trlazzlo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(4-methylphenyl)- (CA INDEX NAME)

NHPr-1

RN 150987-37-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-phenyl-(CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Ph NH NH C1 N

RN 150987-38-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-dodecyl-6-phenyl(CA INDEX NAME)

Me- (CH₂)₁₁-NH
Ph
N
N

RN 150987-40-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-phenyl-(CA INDEX NAME)

Ph NH

RN 150987-41-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F₃C

RN 150987-42-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-(1-methylethyl)phenyl]- (CA INDEX NAME)

-Pr C1

RN 150987-43-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-(trifluoromethoxy)phenyl]- (CA INDEX NAME)

F3C-O C1

RN 150987-45-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3,4-dimethoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-46-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-cyclopentyl- (CA INDEX NAME)

150987-47-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-fluorophenyl)- (CA INDEX NAME)

150987-48-7 CAPLUS

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN methylethyl)- (CA INDEX NAME) (Continued)

150987-52-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2-bromophenyl)-5-chloro- (CA INDEX NAME)

150987-53-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluorophenyl)- (CA INDEX NAME)

150987-54-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
chloro-6-(2-fluorophenyl)-N-(1methylethyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl-5-chlorother cyclopentyl- (CA INDEX NAME) (Continued)

150987-49-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

150987-50-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N-cyclopentyl- (CA INDEX NAME)

 $\label{eq:continuous} 15098\, 7-51-2 \quad \text{CAPLUS} \\ [1,2,4] \, \text{Triazolo} \, [1,5-a] \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \\ [1,2,4] \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \\ [1,2,4] \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{Triazolo} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, (1-3) \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-5-\text{chloro-N-} \, [1,5-a] \, \text{pyrimidin-}7-\text{amine}, \quad 6-(2-\text{bromophenyl})-$

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-56-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-chlorophenyl)-N-(1methylethyl)- (CA INDEX NAME)

RN 150987-57-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-filuorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

RN 150987-58-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chlor-N-(3-methyl-2-butenyl)-6phenyl- (9CI) (CA INDEX NAME)

Me₂C== CH-CH₂-

RN 150987-59-0 CAPLUS

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N,N-dimethyl- (CA INDEX NAME) (Continued)

150987-60-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3,7-dimethyl-2,6-octadienyl)-6-(4-methylphenyl)- (9CI) (CA INDEX NAME)

150987-61-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3,7-dimethyl-2,6-octadienyl)-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

150987-64-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-2-benzothiazolyl-5-chloro-6-phenyl- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-68-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

150987-69-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl))-6-[4-(1-methylethyl)phonyl]- (CA INDEX NAME)

150987-70-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(trifiluoromethoxy)phenyl]- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-65-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-4-morpholiny1-6-pheny1-(CA INDEX NAME)

150987-66-9 CAPLUS Cyclopentanol, 2-[(5-chloro-6-phenyl[1,2,4]triazolo[1,5-a]pyrimidin-7-yl)amino]- (CA INDEX NAME)

150987-67-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-phenoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\label{eq:continuous} 150987-71-6 \quad CAPLUS \\ [1,2,4]Triazolo [1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(4-phenoxyphenyl)- \\ (CA INDEX NAME)$

RN 150987-72-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl-5-chloro-N-(1-methylethyl)- (CA INDEX NAME)

RN 150987-73-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3,4-dimethoxyphenyl)-N-(1-methylethyl)- (CA INDEX NAME)

ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 150987-74-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-(phenylmethoxy)phenyl]- (CA INDEX NAME)

150987-75-0 CAPLUS [1,2,4] Primidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(phenylmethoxy)phenyl]- (CA INDEX NAME)

150987-76-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(4-methoxyphenyl)- (CA INDEX NAME) CN

150987-77-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chlorophenyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-81-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(3-bromophenyl)-5-chloro- (CA INDEX NAME)

150987-82-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-bromophenyl)-5-chloro-N-cyclopentyl- (CA INDEX NAME)

150987-83-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

150987-78-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-cyclopentyl- (CA INDEX NAME)

(Continued)

150987-79-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-(1-methylethyl)- (CA INDEX NAME) RN CN

150987-80-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(4-bromophenyl)-5-chloro- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-84-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3-fluorophenyl)- (CA INDEX NAME)

RN 150987-85-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(3-fivorophenyl)-N-(1methylethyl)- (CA INDEX NAME)

 $\label{logo} 150987-86-3 \quad {\tt CAPLUS} \\ [1,2,4]{\tt Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(3-fluorophenyl)- (CA INDEX NAME)}$

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-87-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[2-(phenylmethoxy)phenyl]- (CA INDEX NAME)

RN 150987-88-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[2-(phenylmethoxy)phenyl]- (CA INDEX NAME)

RN 150987-89-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-[2-(phenylmethoxy)phenyl]- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-93-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(4-methoxyphenyl)-N-[2[3-(trifluoromethyl)phenyl]ethyl]- (CA INDEX NAME)

RN 150987-94-3 CAPLUS CN [1,2,4]Trlazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[2-[3-(trifluoromethyl)phenyl]ethyl]- (CA INDEX NAME) L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-90-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3-dimethoxyphenyl)- (CA INDEX NAME)

RN 150987-91-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-dimethoxyphenyl)N-(1-methylethyl)- (CA INDEX NAME)

RN 150987-92-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5chloro-6-(2,3-dimethoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-97-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-1-pyrrolidinyl- (CA INDEX NAME)

RN 150988-05-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2-dichlorocyclopropyl)-6-(3,4,5-trimethoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150988-07-1 CAPLUS CN [1,2,4]Triarclo[1,5-a]pyrimidin-7-amine, N-bicyclo[2,2.1]hept-2-y1-5-bromo-6-phenyl- (CA INDEX NAME)

150988-08-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-(1-methylethyl)-6-phenyl- (CA INDEX NAME)

150988-09-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-(2,2-dichlorocyclopropyl)-6-phenyl- (CA INDEX NAME) CN

150988-10-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-methyl- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150988-14-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N,N-dimethyl- (CA INDEX NAME)

150988-15-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluorophenyl) - (CA INDEX NAME)

150908-18-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-cyclopentyl- (CA INDEX NAME)

150988-19-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150988-11-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N,N-dimethyl- (CA INDEX NAME)

150988-12-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloropheny1)-N-ethyl- (CA INDEX NAME)

RN

150908-13-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoropheny1)-N-methy1- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN fluorophenyl)-N-(1-methylethyl)- (CA INDEX NAME) (Continued)

150988-20-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chloro-6-fluorophenyl)- (CA INDEX NAME)

150908-21-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl)- (CA INDEX NAME)

150988-22-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-dimethyl- (CA INDEX NAME)

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L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN

150988-24-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-diethyl- (CA INDEX NAME)

150988-25-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2-fluorophenyl)- (CA INDEX NAME)

150988-26-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromopheny1)-5-chloro-N,N-diethyl- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187232-63-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclodecyl-6-(4-methoxyphenyl)- (CA INDEX NAME)

RN 187232-66-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-phenyl-N-[(tetrahydro2-furanyl)methyl]- (CA INDEX NAME)

187233-25-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

Lil ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 15098-27-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N,N-diethyl- (CA INDEX NAME)

150988-28-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(4-methoxyphenyl)- (CA INDEX NAME)

150988-29-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-iodo-6-(4-methoxyphenyl)- (CA INDEX NAME)

150988-30-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-y1-6-(2-chlorophenyl)-5-iodo- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-26-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-27-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-28-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

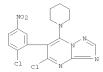
L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-29-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(2-bromophenyl)-5-chloro-7-(1-piperidinyl)- (CA INDEX NAME)

187233-30-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3-methylphenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

187233-31-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3-fluorophenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



187233-36-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

187233-38-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

187233-39-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-33-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

187233-34-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

RN 187233-35-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-nitrophenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-40-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluoropheny1)-7-(4-morpholiny1)- (CA INDEX NAME)

187233-41-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(1-pyrrolidinyl)- (CA INDEX NAME)

187233-42-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187233-43-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(hexahydro1H-azepin-1-yl)- (CA INDEX NAME)

RN 187233-44-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chlorophenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-45-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(4-methyl1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187233-49-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(2-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-50-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(3,5-dimethyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-51-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloropheny1)-7-(3,5-dimethyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187233-46-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chlorophenyl)-7-(2-methyl1-piperidinyl)- (CA INDEX NAME)

RN 187233-47-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(3-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-48-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187233-52-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
6-(2-bromophenyl)-5-chloro-7-(hexahydro1H-azepin-1-yl)- (CA INDEX NAME)

RN 187233-53-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-5-nitrophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

RN 187233-54-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichloropheny1)-7-(hexahydro-1H-azepin-1-y1)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187233-55-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3-chlorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

187233-56-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-thiomorpholinyl)- (CA INDEX NAME)

187233-57-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-cyclopentyl-1-piperazinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN 7-(3-methyl-1-piperidinyl)--(CA INDEX NAME)(Continued)

RN 187233-61-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl)-1-piperidinyl)-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 187233-62-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloropheny1)-7-(3-methyl1-piperidiny1)- (CA INDEX NAME)

187233-63-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(3-methyl-1-piperidinyl)-6-phenyl- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-58-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2,4-dimethyl-1-piperidinyl)- (CA INDEX NAME)

187233-59-6 CAPLUS
Proline, 1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-, methyl ester (CA INDEX NAME)

RN 187233-60-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-[4-(1,1-dimethylethyl)phenyl]-

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187233-64-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methylphenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-65-4 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187233-66-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 6-(4-bromophenyl)-5-chloro-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-67-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3,4-difluorophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-68-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3,4-difluorophenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-69-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3,4-difluorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-73-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(4-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-74-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

187233-75-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

187233-70-1 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3,4-difluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

(Continued)

187233-71-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

187233-72-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(3-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187233-76-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-dichlorophenyl)-7-(2-methyl-1-pyrolidinyl)- (CA INDEX NAME)

RN 187233-77-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chloropheny1)-7-(2-methy11-pyrrolidiny1)- (CA INDEX NAME)

RN 187233-78-9 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidine, 5-bromo-6-(2-chloro-6-fluorophenyl)-7-(4-methyl-1-piperidinyl) (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

C1 N N

RN 187233-79-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(2-ethyl-1-piperidinyl)- (CA INDEX NAME)

C1 N Et

RN 187233-89-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(hexahydro-1H-azepin-1-yl)-6phenyl- (CA INDEX NAME)

Ph N N

RN 187233-91-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-y1)-6[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F CI N N

RN 187233-99-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-fluorophenyl)-7-(hexahydro1H-azepin-1-yl)- (CA INDEX NAME)

F N N

RN 187234-01-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(hexahydro-1H-azepin-1-y1)-6(3-methylphenyl)- (CA INDEX NAME)

Me N

RN 187234-03-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(hexahydro-3,3,5-trimethyl-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

F₃C N N N

RN 187233-93-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-[4-(1,1-dimethylethyl)phenyl]7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

t-Bu N N N N

RN 187233-95-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

F N N

RN 187233-97-2 CAPLUS CN [1,2,4]Triazzolo[1,5-a]pyrimidine, 5-chloro-6-(2,6-difluorophenyl)-7-(hexhydro-1H-azepin-1-yl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Me Me C1 N N

RN 187234-05-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(hexahydro-1(2H)-azocinyl)- (CA INDEX NAME)

C1 N N

EN 187234-07-7 CAPLUS
CN Quinoline, 1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]decahydro- (CA INDEX NAME)

C1 N N

RN 187234-09-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7(1-ptperazinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187234-11-3 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3,5-dimethyl-1-piperazinyl)- (CA INDEX NAME)

187234-13-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(4-eth)!-1-piperazinyl)- (CA INDEX NAME)

187234-15-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-bromo-6-(2,6-difluorophenyl)-7-(4-methyl-1-piperazinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187234-24-8 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(3,3-dimethyl-1-piperidinyl)- (CA INDEX NAME)

187234-26-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7-(1H-1,2,4-triazol-1-yl)- (CA INDEX NAME)

RN 187234-28-2 CAPLUS CN 4-Piperidinol, 1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

187234-17-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-bromo-6-(2,6-difluorophenyl)-7-(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

(Continued)

187334-20-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-bromo-6-(2-chloro-6-fluorophenyl)-7(bexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

187234-22-6 CAPLUS 2H-Axepin-2-one, -chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1, 5-a]pyrimidin-7-yl]hexahydro-, oxime (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

187234-30-6 CAPLUS
Formamide, N-[1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]-4-piperidinyl]- (CA INDEX NAME)

187234-33-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluorophenyl)-7[4-(phenylmethyl)-1-piperidinyl]- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187234-35-1 CAPLUS
CN 4-Piperidinecarboxaldehyde, 1-[5-chloro-6-(2-chloro-6-fluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]- (CA INDEX NAME)

RN 187234-37-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-methylphenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 187234-39-5 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(2-methyl-

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187234-47-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-methylphenyl)-7-(2-methyl1-piperidinyl)- (CA INDEX NAME)

RN 187234-51-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloro-4-methoxyphenyl)-7(4-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) 1-pyrrolidinyl) - (CA INDEX NAME)

RN 187234-41-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-fluorophenyl)-7-(2-methyl1-pyrrolidinyl)- (CA INDEX NAME)

RN 187234-43-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-fluorophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187234-45-3 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(3-fluorophenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

FN 187234-53-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloro-4-methoxyphenyl)-7(3-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187234-55-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloro-4-methoxypheny1)-7(1-pyrrolidiny1)- (CA INDEX NAME)

RN 187234-57-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(3-chloro-4-methoxyphenyl)-7(2-methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187234-59-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-[4-(1,1-dimethylethyl)phenyl]7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187234-61-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-7-(2-methyl-1-piperidinyl)-6-[3(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 187234-64-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-7-(2-methyl-1-piperidinyl)-6-phenyl- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187234-73-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-nitrophenyl)-7(hexahydro-1H-azepin-1-yl)- (CA INDEX NAME)

RN 187234-75-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chloro-6-nitrophenyl)-7-(2-methyl-1-pyrrolidinyl)- (CA INDEX NAME)

RN 187234-77-1 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-mitropheny1)-7-(1piperidiny1)- (CA INDEX NAME) L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 187234-66-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(4-methoxyphenyl)-7-(2-methyl-1-piperidinyl)- (CA INDEX NAME)

RN 187234-69-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5-chloro-6-(2-chloro-6-fluoropheny1)-7[4-(1-methylethyl)-1-piperidinyl]- (CA INDEX NAME)

RN 187234-71-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidine,
5-chloro-6-(2-chloro-6-nitrophenyl)-7-(4methyl-1-piperidinyl)- (CA INDEX NAME)

L11 ANSWER 198 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

GI

AB The title compds. [I; R1 = C1-12 alkyl, C2-6 alkenyl, C2-6 alkynyl, etc.; R2 = H, C1-4 alkyl; R1R2 = (un)substituted pyrrolidinyl, piperidinyl, dihydropyridyl, R3 = (un)substituted Ph, naphthyl; R4 = halo, (un)substituted NH2], useful as fungicides, were prepared Thus, reaction of 5,7-dichloro-6-(4-methylphenyl)-1,2,4-triazolo[1,5-a]pyrimidine with cyclopentylamine in the presence of Et3N in THF afforded 87% II which showed MIC of 12.5 µg/mL and 1.56 µg/mL against Botrytis cinerea and Alternaria solani, resp.

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN ACCESSION NUMBER: 1993:671190 CAPLUS DOCUMENT NUMBER: 119:271190
Triazolopyrimidine derivatives with fungicidal activity
Pees, Klaus Juergen; Albert, Guido
Shell Internationale Research Maatschappij B. V.,
Neth.
Eur. Pat. Appl., 38 pp.
CODEN: EPXXDW 119:271190 TITLE: INVENTOR(S): PATENT ASSIGNEE(S): SOURCE DOCUMENT TYPE: LANGUAGE: FAMILY ACC. NUM. COUNT: PATENT INFORMATION: English

| | | | | | | | | PLICATION NO. | | | |
|----|----------|-----|-----|-----|----------------------|-----|------|---|-----|---------|------|
| EP | 550113 | | | A2 | 19930707 | | | 1992-204097 | | | |
| EP | 550113 | | | A3 | 19930804 19971015 | | | | | | |
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| AU | 9230435 | | | A | 19930701 | | AU | 1992-30435 | | 1992 | 1224 |
| AU | 667204 | | | B2 | 19960314 | | | | | | |
| BR | 9205172 | | | A | 19930706 | | BR | 1992-5172 | | 1992 | 1228 |
| ZA | 9210043 | | | A | 19930728 | | ZA | 1992-10043 1992-115232 1992-4135 | | 1992 | 1228 |
| CN | 1075144 | | | A | 19930811 | | CN | 1992-115232 | | 1992 | 1228 |
| CN | 1033643 | | | В | 19961225 | | | | | | |
| HU | 63305 | | | A2 | 19930830 | | HU | 1992-4135 | | 1992 | 1228 |
| HU | 217349 | | | В | 20000128 | | | | | | |
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| JP | 3347170 | | | B2 | 20021120 | | | | | | |
| PL | 171579 | | | В1 | 19970530 | | PL | 1992-312883 1997-105710 | | 1992 | 1228 |
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| EP | 782997 | | | A3 | 19980722 | | | | | | |
| EP | 782997 | | | B1 | 20000426 | | | | | | |
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| AT | 159256 | | | T | 19971115 | | AT | 1992-204097 | | 1992 | 1228 |
| ES | 2108727 | | | Т3 | 19980101 | | ES | 1992-204097 | | 1992 | 1228 |
| PL | 174047 | | | B1 | 19980630 | | PL | 1992-297160 | | 1992 | 1228 |
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| GR | | | | | | | | 2000-401601 | | | |
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L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Contin CTHER SOURCE (S):

MARPAT 119:271190

IT 150387-15-8B 150387-16-9P 150987-19-2P
150387-26-5P 150987-21-6P 150987-22-7P
150387-26-1P 150987-21-6P 150987-22-9P
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150388-29-PT 150988-27-5P 150988-28-6P (Continued)

RI: BAC (Biological activity of section, (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (preparation and fungicidal activity of)
RN 150987-15-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-methylphenyl) - (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-16-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-cyclopentyl-6-phenyl-(CA INDEX NAME)

150987-19-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-fluoro-6-(4-methoxyphenyl)- (CA INDEX NAME)

150987-20-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
-chlorophenyl)-N-ocyclopentyl5-iodo- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-21-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-methoxyphenyl)- (CA INDEX NAME)

150987-22-7 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3-methoxyphenyl)- (CA INDEX NAME)

150987-23-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-ethoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-24-9 CAPLUS
Cyclopentanol, 2-[[5-chloro-6-(4-methoxyphenyl)][1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (CA INDEX NAME)

150987-25-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(2,4,4-trimethyleyolopentyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-31-8 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxyphenyl)-N-(1-methylethyl)- (CA INDEX NAME)

150987-32-9 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(2,2,5-trimethylcyclohexyl)- (CA INDEX NAME)

RN 150987-33-0 CAPLUS CN [1,2,4]Triazzlo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,3-dihydro-lH-inden-2-y1)-6-phenyl- (CA INDEX NAME)

150987-34-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3-chlorophenyl)-N,N-dimethyl- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued) RN 150987-26-1 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclooctyl-6-(4-methoxyphenyl)- (CA INDEX NAME)

150987-27-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(4-phenyl-1-piperidinyl)- (CA INDEX NAME)

 $\label{logo} 150987-28-3 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(1-methylethyl)propyl]-6-phenyl- \quad (CA INDEX NAME) \\$

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $150987-35-2 \quad CAPLUS \\ [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(4-methylphenyl)- \\ (CA INDEX NAME)$

150987-36-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-methoxyphenyl)- (CA INDEX NAME)

150987-37-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-phenyl-(CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-38-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-dodecyl-6-phenyl-

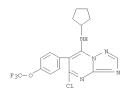
INDEX NAME)

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150987-39-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-phenyl-(CA INDEX NAME)

150987-40-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-phenyl-(CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



150987-45-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3,4-dimethoxyphenyl)- (CA INDEX NAME)

150987-46-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-cyclopentyl- (CA INDEX NAME)

150987-47-6 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

150987-41-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

(Continued)

 $\label{eq:control_problem} 150987-43-2 \quad \text{CAPLUS} \\ [1,2,4] \texttt{Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-(trifluoromethoxy)phenyl]- (CA INDEX NAME)}$

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-48-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl-5-chloro-N-cyclopentyl- (CA INDEX NAME)

150987-49-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

Ph-CH2-

150987-50-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N-cyclopentyl- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-51-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N-(1-methylethyl)- (CA INDEX NAME)

NHPr-i

150987-52-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2-bromophenyl)-5-chloro- (CA INDEX NAME)

150987-53-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

RN 150987-58-9 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-methyl-2-butenyl)-6-phenyl- (9C1) (CA INDEX NAME)

Me 2C == CH = CH2 =

RN 150987-59-0 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N,N-dimethyl- (CA INDEX NAME)

150987-60-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3,7-dimethyl-2,6-octadienyl)-6-(4-methylphenyl)- (9CI) (CA INDEX NAME)

Me2C=CH-CH2-CH2-

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L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-54-5 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
chloro-6-(2-fluorophenyl)-N-(1methylethyl)- (CA INDEX NAME)

RN 150987-56-7 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(1-methylethyl)- (CA INDEX NAME)

RN 150987-57-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(4-fiuorophenyl)-N-(1methylethyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN

(Continued)

 $\label{eq:control_problem} \begin{array}{lll} 150987-61-4 & \texttt{CAPLUS} \\ [1,2,4]\texttt{Triazolo}[1,5-a]\texttt{pyrimidin-}7-\texttt{amine}, & \texttt{5-chloro-N-}(3,7-\texttt{dimethyl-}2,6-\texttt{octadienyl})-6-(4-\texttt{methoxyphenyl})- & (9CI) & (CA & \texttt{INDEX} & \texttt{NAME}) \\ \end{array}$

150987-63-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-furanylmethyl)-6-phenyl- (CA INDEX NAME)

150987-64-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-2-benzothiazolyl-5-chloro-6-phenyl- (CA INDEX NAME)

RN 150987-65-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-N-4-morpholinyl-6-phenyl-

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (CA INDEX NAME) (Continued)

150987-66-9 CAPLUS Cyclopentanol, 2-[(5-chloro-6-phenyl[1,2,4]triazolo[1,5-a]pyrimidin-7-yl)amino]- (CA INDEX NAME)

150987-67-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-phenoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-72-7 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
6-[1,1'-bipheny]]-4-yl-5-ohloro-N(1-methylethyl)- (CA INDEX NAME)

RN 150987-73-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(3,4-dimethoxypheny1)N-(1-methylethyl)- (CA INDEX NAME)

150987-74-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopenty1-6-[4-(phenylmethoxy)phenyl]- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 150967-68-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

 $\label{eq:condition} 150987-69-2 \quad CAPLUS \\ [1,2,4] Triazolo[1,5-a] pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(1-methylethyl) phenyl]- \quad (CA INDEX NAME)$

150987-70-5 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(trifluoromethoxy)phenyl]- (CA INDEX NAME)

150987-71-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(4-phenoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\label{eq:continuous} 150987-75-0 \quad \texttt{CAPLUS} \\ [1,2,4] \texttt{Triazolo}[1,5-a] pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(phenylmethoxy)phenyl]- (CA INDEX NAME)$

RN

150987-76-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(4-methoxyphenyl)- (CA INDEX NAME)

150987-77-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chlorophenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-78-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-cyclopentyl- (CA INDEX NAME)

150987-79-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-(1-methylethyl)- (CA INDEX NAME)

150987-80-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(4-bromophenyl)-5-chloro- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-84-1 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3-fluorophenyl) - (CA INDEX NAME)

RN 150987-85-2 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(3-fivorophenyl)-N-(1methylethyl)- (CA INDEX NAME)

150987-86-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(3-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-81-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(3-bromophenyl)-5-chloro- (CA INDEX NAME)

150987-82-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-bromophenyl)-5-chloro-N-cyclopentyl- (CA INDEX NAME)

150987-83-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-fluorophenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150987-87-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[2-(phenylmethoxy)phenyl]- (CA INDEX NAME)

 $\label{eq:continuous} 150987-88-5 \quad {\tt CAPLUS} \\ [1,2,4]{\tt Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[2-(phenylmethoxy)phenyl]- \quad ({\tt CA INDEX NAME}) \\$

150987-89-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-[2-(phenylmethoxy)phenyl]- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-90-9 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3-dimethoxyphenyl)- (CA INDEX NAME)

RN 150987-91-0 CAPLUS
CN [1,2,4]Triazzolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2,3-dimethoxypheny1) N-(1-methylethy1) - (CA INDEX NAME)

RN 150987-92-1 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5chloro-6-(2,3-dimethoxyphenyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-93-2 CAPLUS CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-[2-[3-(trifluoromethyl)phenyl]ethyl]- (CA INDEX NAME)

RN 150987-94-3 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-(2-chlorophenyl)-N-[2[3-(trifluoromethyl)phenyl]ethyl]- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-95-4 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2-dichloro-1-aziridiny1)-6-(4-methoxypheny1)- (CA INDEX NAME)

RN 150987-96-5 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N(2,2-dichloro-1-aziridinyl)- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RN 150987-97-6 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-1-pyrrolidinyl- (CA INDEX NAME)

N 150988-05-9 CAPLUS N [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2-dichlorocyclopropyl)-6-(3,4,5-trimethoxyphenyl)- (CA INDEX NAME)

RN 150988-07-1 CAPLUS

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2,2,1]hept-2-yl-5-bromo-6-phenyl- (CA INDEX NAME) (Continued)

150988-08-2 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-(1-methylethyl)-6-phenyl- (CA INDEX NAME)

150988-09-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-(2,2-dichlorocyclopropyl)-6-phenyl- (CA INDEX NAME) CN

150988-10-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-methyl- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
RN 150988-14-0 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N,Ndimethyl- (CA INDEX NAME)

150988-15-1 cAPLUS [1,2,4]Triazol[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluorophenyl)- (CA INDEX NAME)

150988-18-4 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-cyclopentyl- (CA INDEX NAME)

 $\label{eq:continuous} \begin{array}{lll} 150988-19-5 & \text{CAPLUS} \\ [1,2,4]\text{Triazolo}[1,5-a]\text{pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-methylethyl)-} & (\text{CA INDEX NAME}) \end{array}$

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150908-11-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N,N-dimethyl- (CA INDEX NAME)

150988-12-8 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-ethyl- (CA INDEX NAME)

150908-13-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluoropheny1)-N-methyl- (CA INDEX NAME) CN

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150988-20-8 CAPLUS [1,2,4]Triazclo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chloro-6-fluorophenyl)- (CA INDEX NAME)

150988-21-9 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl]- (CA INDEX NAME)

150988-22-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-dimethyl- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

150988-24-2 CAPLUS
[1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoropheny1)-N,N-diethyl- (CA INDEX NAME)

150988-25-3 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2-fluorophenyl)- (CA INDEX NAME)

150988-26-4 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N,N-diethyl- (CA INDEX NAME)

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Amination of triazolopyrimidine derivs. I [R, R4 = halo; R3 = (un)substituted aryl] with amines HNR1R2 [R1 = (un)substituted alkyl, alkenyl, alkadienyl, cycloalkyl, bicycloalkyl, heterocyclyl; R2 AB

H, alkyl; or NR1R2 = (un)substituted heterocyclyl] and optional subsequen

reaction(s) give claimed title compds. I [R = NR1R2, R1-R3 = same, R4 =

н. halo, (un)substituted amino], useful as fungicides. Apple cuttings of

the variety Morgenduft, (6 wk old) were treated with a solution of test

variety Morgendurt, (6 wx 014) were tracted with a delimination compound I (R = cyclopentylamino, R3 = Ph, R4 = Br) at 400 ppm in water/acetone/Triton X or water/methanol/Triton X. After 24 h., the plants were infected with Venturia inacqualis (about 50,000 conidia/mL), and after incubation for 14 days showed no infection.

L11 ANSWER 199 OF 199 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

 $\label{eq:continuous} 150988-27-5 \quad \text{CAPLUS} \\ [1,2,4] \text{Triazolo}[1,5-a] \text{pyrimidin-}7-\text{amine}, \quad 5-\text{chloro-}6-(2-\text{chlorophenyl})-\text{N}, \text{N-diethyl-} \quad \text{(CA INDEX NAME)}$

150988-28-6 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(4-methoxyphenyl)- (CA INDEX NAME)

150988-29-7 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-iodo-6-(4-methoxyphenyl)- (CA INDEX NAME)

150988-30-0 CAPLUS [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2-chlorophenyl)-5-iodo- (CA INDEX NAME)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 1089.35 1473.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE TOTAL ENTRY SESSION -159.20 -159.20

STN INTERNATIONAL LOGOFF AT 17:11:17 ON 11 JAN 2008